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✂ - - -

Contents

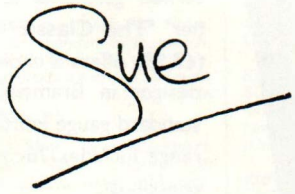
From the Editor

We have a special ***Silver Reed*** *Competition this month with a prize value of over £400. One lucky winner will receive a brand new, top of the range, SK 740 punchcard knitting machine from Silver Knitting Machines Ltd. Find out more details by turning to our Competition page.*

Some of you will have noticed that we have been unable to publish your Silver Reed queries in the last couple of issues due to shortage of space. However, we are pleased to be able to include a selection of them this time – do continue to send in your queries and we'll pass them on to Kamalini.

Our knitwear collection this month features warm rusts and terracotta shades to remind us of warmer spring sunshine. The styles combine a variety of yarn textures and thicknesses to suit all occasions with an elegant cardigan style sweater in slip stitch, two versatile Fair Isles for the men, a pretty border pattern sweater for your favourite little girl and chunky cable and Aran look tops to keep you warm. Our exclusive designer pattern this month is a lovely chunky knit from City Modules Ltd from the 'Earth Song' collection. You can read all about CML's machine knit pattern collections in this month's 'Knitline'.

For those of you who like to experiment with your own knitwear designs we've included plenty of pattern ideas and techniques in our regular features, with more geometric inspiration, attractive lace edgings, shirring elastic ideas and, for hot air balloon enthusiasts, some fun Fair Isles!



Sue Watson

Editorial

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Knitline

We bring you all the latest news on products, services and events from around the country.

Colour collections

Three new machine knit pattern books are now available from City Modules Ltd – each one featuring a colourful collection of garments. Designs in two of the pattern books are by Teresa Schiff, whose original 'black/white' ideas have already created great interest in CML's publications 'Look No Hands' for garter carriage owners, 'Ebony and Ivory' collection for Chunky knitters and 'Fine Print' for standard gauge machines.

Teresa's new 'colour' patterns take plenty of inspiration from the world around us – **'Elementals'** is for standard gauge knitting and illustrates ten designs to suit all occasions, with multicolour tuck, Fair Isles, plain ribbed fabric, stripes and lace patterning, in a selection of Brockwell, Many A Mickle, Ashill Colour Studio and Rowan yarns. Chunky knitters will find ten exciting designs in **'Earth Song'** – a collection of individual patterns which incorporate texture and colour pattern knitting with the latest fashion look, some using manual hand tooling and knitting techniques to give a designer finish. You'll find one of the exclusive 'Earth Song' sweater designs in this month's *Modern Machine Knitting!*

The third collection of knitwear garments is specifically for youngsters in the two to six-year-old age group. Maggie Tarason, Publishing Editor of CML, has put together her own machine knit ideas for these patterns, drawing upon her own experience as a busy 'knitting' Mum. She has opted for practical styling, simple shaping and comfort in wear. Other knitting Mums, whose time is short, will find these easy to knit garments in wash 'n' wear yarns the perfect answer. The collection is called **'Small World'** and features ten designs for boys and girls. Maggie has also included useful suggestions for adapting the garments to suit individual needs.

All pattern books cost £5.95 each, including p&p. Either telephone your order on 0206 549026 (you will be invoiced with order), or write to CML, 244 Shrub End Road, Colchester, Essex CO3 4SA.

The basics

Mellors Munro have added several titles to their range of basic patterns for machine knitting. The **'Saddle Shoulder Basic Book'** costs £2.55 and contains saddle shoulder sweater and cardigan patterns for DK, 3 ply and 4 ply knitting in a 56cm to 127cm size range.

'Basic Patterns for Duomatics' by Belinda Jerome (£3.99) features original bird's eye jacquard designs for Duomatic punchcard and electronic machines. The selection of garment styles has pattern instructions written in the usual Basic Book format with stitches and rows set out in easy-to-follow columns. The sizes range from 20 inch to 50 inch chest/bust. Japanese electronic owners could also find the charts useful.

For Chunky owners there is **'Card 3 – Tuck Stitch for Chunky Machines'** by Doreen Nelson (price £3.99). Patterns feature Bramwell's Roselan DK, Bramwell Aran, Chunky and Mohair yarns and all feature tuck stitch using popular Card 3.

For a choice of plain and patterned garments for 'him and her' **'The Classic Collection'** (£3.99) offers a choice of classic designs in Bramwell 4 ply for standard gauge knitting. The size range includes 76cm to 122 cm chest/bust.

Finally, for newcomers to the ribber, there is **'The Ribber Project Book 1'** by Doreen Nelson (£3.99), which is aimed at making the knitting of ribbed garments easier to understand. Pro-

ject I starts with a simple hat and scarf set in English rib and each consecutive pattern includes more detail so that the knitter can build up skills in an ordered sequence. The last section of the book includes a collection of round and vee neck sweaters and cardigans in Fisherman's rib featuring Bramwell Fine 4 ply.

For a full list of Mellors Munro publications please send a SAE to Mellors Munro & Co Ltd, 23 Main Street, Bradley, Skipton, North Yorkshire BD20 9DG.

Needlecraft Club

One of the leading suppliers of quality threads, kits and craft materials is launching a new club which is aimed at all needlecraft enthusiasts. The **'Madeira Club'** is the idea of Madeira Threads (UK) Ltd and for an annual subscription of £15.00 plus an initial enrolment fee of £5.00 members will receive many benefits, including a wealth of up-to-date information on all craft products.

Members will be able to browse through the **'Madeira News'**, a twelve page newsletter which will be published twice yearly. This will contain news, views and interviews with full colour illustrations to cover the work of leading craft figures around the world.

There will also be an additional **'Quarterly Newsletter'** which will contain specialist articles and features written by experts in the various crafts. **'Madeira Club'** members will also receive a free copy of **'The Madeira Book of Embroidery Stitches'**, written by Jenny Bullen and normally priced at £4.25 plus a **'Madeira Information Pack'** which includes information on kits, books, materials and accessories available from Madeira stockists throughout the country.

On top of all this, the Madeira Club's association with **'Countdown'**, the world's largest discount buying service, allows members additional savings and big discounts on craft materials, publications and a wide range of other consumer products and services, plus the chance to win a free holiday for two on the island of Madeira! Find out more details by writing to The Club Secretary, Madeira Club, PO Box 6, Thirsk, North Yorkshire YO7 3YX.

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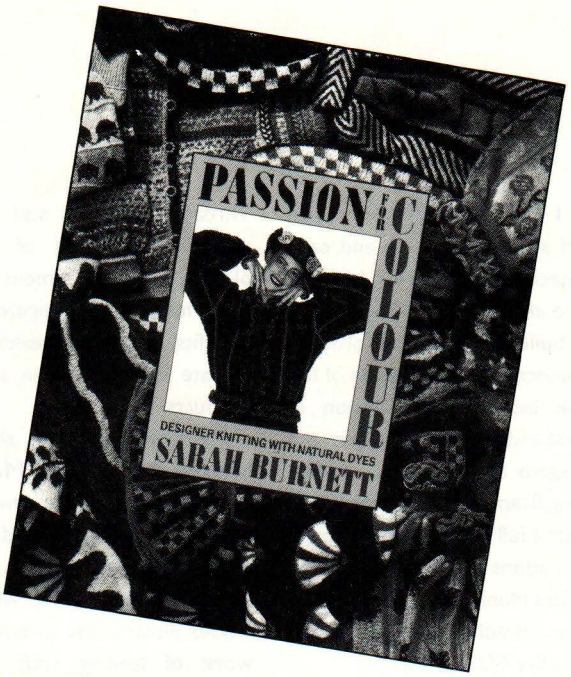


PASSION FOR COLOUR

Sarah Burnett's new book **'Passion for Colour'** incorporates beautiful hand-dyed yarns in a collection of delightful designer hand knits, but machine knitters will find the styles and pattern ideas a source of inspiration in their pleasing and original use of colour and shape. The first section of the book has the appropriate title of **'Cooking with Colour'** and describes how to go about dyeing your own yarn – the equipment required; dyeing techniques; natural dyestuffs and proper recipes for a whole range of colour tones.

In the patterns section full hand knitting instructions are provided for each of the 20 designs, which include colourful patterning based upon floral motifs, Paisleys and countryside themes. Bold geometrics are introduced in a couple of garments for a striking look whilst a theatrical element creeps in by clever use of sleeve shape and surface detail. This book is well worth a look through and would make an ideal gift for anyone who is interested in hand-dyed yarns. Published by Conran Octopus Ltd it is priced at £12.99 and is available from good bookshops (ask for ISBN number 1-85029-482-8).

KNITTING CHART COLLECTION

Alice Starmore's book **'Charts for Colour Knitting'** contains over 130 pages of design charts for repeating, border and motif patterns. All charts can be used as source material for hand and machine knitters as well as weavers and embroiderers. The charts are printed with black dots on a square grid background and can be easily copied on to a pattern sheet or punchcard. However, because the book is not written primarily for the machine knitter, some of the repeats will not be suitable for punchcard machines unless adapted to fit the punchcard.

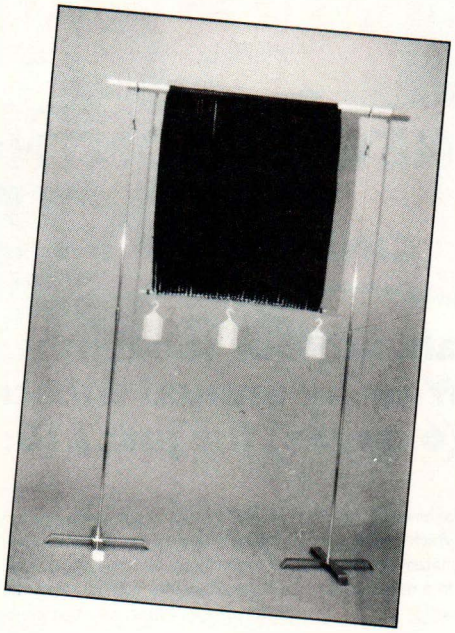
The stitch patterns are for use with colour knitting techniques such as Fair Isle, single motif and jacquard. Although the charts do not include any colourway suggestions there is a section at the beginning of the book which explains and illustrates how to design sweaters and use the patterns to create an individual look.

Traditional patterns are also discussed and illustrated and the book includes a selection of knitting patterns from Europe, Russia and South America. Other designs include the author's own original ideas based upon abstract geometry, Japanese porcelain and Celtic metalwork.

The book costs £14.95 plus £1.00 p&p and is available direct from the publishers: The Windfall Press, Mission House, Achmore, Isle of Lewis, Scotland PA86 9DU.

STEAMING STANDS

In-Ex have recently introduced a new chromium-plated steel stand for their Steaming Kit. The support bars are positioned at two different heights to accommodate either the 'A'-line or shadow pleated skirt kits and the stand is collapsible for easy storage. It costs £12.95 plus £3.55 p&p from In-Ex Ltd, PO Box 1459, Windsor, Berkshire SL4 2TP.



A STYLISH CARRIAGE

is the newest CML title by Teresa Schiff, 10 FULL COLOUR GARTER CARRIAGE designs for all-season chic. £5.95

Elementals - colour and black/white illustrations of element inspired high fashion garments for **Std. gauge** machines. £5.95

Earthsong - Garments on natural themes for this catwalk collection designed using natural yarns for **Chunky** machines. £5.95

Small World - Tops for the Tots, international fashion for 2-6 yr. olds. Real wash 'n' wear showstoppers **(Std. gauge).** £5.95

Look - No Hands - **Garter carriage** classics for the family. £3.95

Ebony & Ivory - Family fashion on a black/white theme for **Chunky** machines. £4.95

Fine Print - Black and white fashion winners for the family, **Std. gauge** machines. £5.50

Purls - 130 stitch patterns traditional and modern for the **Garter carriage.** £3.95

PPD and DesignaKnit disks available with these titles for £4.70 per disk, inc. V.A.T.

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Order on 0206 549026 or write to CML, 244 Shrub End Road, Colchester CO3 4SA

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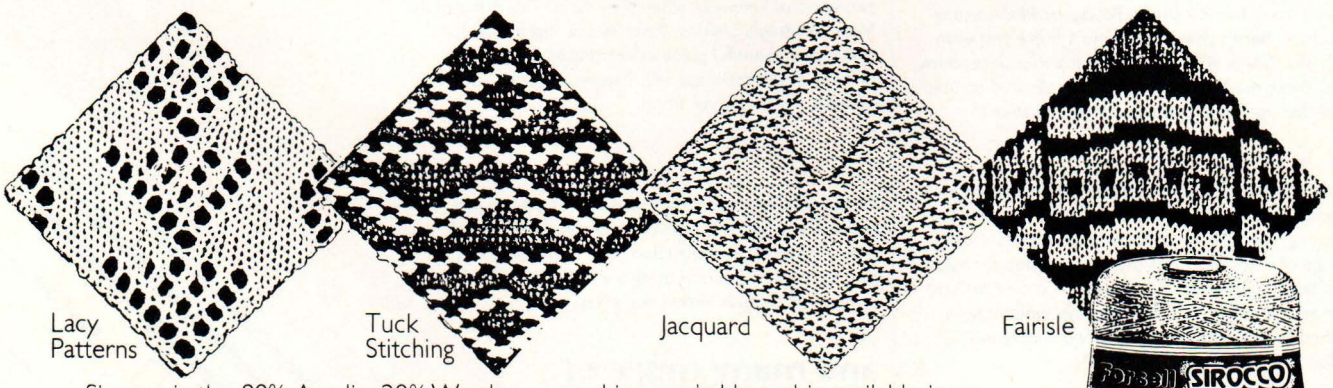

Sirocco is the 80% Acrylic, 20% Wool yarn from Forsell.

Because it knits like a 3-ply, Sirocco is ideal for lacy patterns, tuck stitching, Jacquard and Fairisle. It also makes Sirocco a good choice where colour changes are necessary. And it makes Sirocco a very economical yarn because it goes further.

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Sirocco. The versatile and economical addition to the Forsell range of quality yarns. A book of 3-ply patterns for Sirocco is available at Forsell stockists.

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AUSTRALIA – Tanunda Woolcraft, 1776 Murray Street, Tanunda, South Australia 5352. **HOLLAND** – Projeko, Raamsingel 30, 2012, DT, Haarlem.

TO&FRO MACHINE KNITTING

THE GOOD NEWS

The new *To & Fro* combines the original *To & Fro* and *To and Fro Electronic* magazines into one bumper issue which will be on sale bi-monthly at your local newsagent, or you can opt for an annual subscription by filling in the coupon below. Hazel Ratcliffe is the new Editor and she's joined by a team that's second to none!

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★ DORIS COUTTS

Whether you are a punchcard or electronic owner, beginner or advanced knitter, you'll find a wealth of encouragement and helpful information from Doris' articles. She'll share her expertise on a host of machine knitting techniques, starting with a series on the 950i. Doris will also be pleased to help with any knitting queries—just write to her at the To & Fro editorial office.

★ JOAN GODFREY

A long standing affair with a knitting machine has provided Joan with a fount of knowledge which she is willing to share with fellow knitters. Joan's telephone will be the 'hot-line' for anyone in trouble—but she's also happy to chat about 'knitting' and share the good experiences too!

★ GRACE HAYWARD

If you don't already own a Passap or Pffaf knitting machine, here's the expert who'll make you wish you did. Grace will soon dispel any misconceptions that these machines are more complicated to use, with her special articles, patterns and advice!

★ KATHLEEN KINDER

Kathleen has already written many articles and books on the subject and techniques of machine knitting. Her sphere of knowledge covers a wide range of machines from the early models through to the latest 'computer-aided' ones. If you're looking for advice on the latest technology which can be linked to your machine, you'll find Kathleen's informative research invaluable!

★ ANDY LEVICK

The frequent publication of new books on the subject of machine knitting and its associated crafts can sometimes cause a dilemma—which ones should we buy? To help us decide, Andy will review the latest publications and provide an unbiased resumé on the content of each new title!

★ STEVE WYER

All those legal queries relating to knitting businesses, club activities, sale of work and so on can now be directed to Steve, our resident solicitor, who will be pleased to offer advice and help on matters 'legal'!

PAT COULSTON

Relax and enjoy the pleasures of machine knitting in Pat's friendly and informal articles which cover a variety of tips and techniques. Pat shares her own knitting experiences and problems in a manner which will make you really feel at home.

MARY DOWSE

In her articles, Mary deals with the challenge of larger sizes and proves that 'Big is Beautiful'! Her design ideas for 'Big' knitwear are both innovative and inspirational with plenty of tips for making the most of the fuller figure in a fashionable and stylish manner.

AUDREY PALMER

Regular To & Fro readers learn more about professional knitwear when they do it 'The Palmer Way'. Audrey's articles illustrate the 'right way' to produce a beautiful piece of knitting and she'll include all the technical information required to achieve a professional finish.

SUSANNA LEWIS

With her 'Creative Fabrics', Susanna shows us just some of the exciting results which can be achieved with a bit of experimentation. Her inspiration and step by step instruction bring a whole host of unusual techniques within our grasp.

and many more of the familiar names you've seen in recent issues

ANGELA GORDON

Machine knitting tuition is one area in which Angela's talents excel—she caters for all levels of experience on a variety of machines and accessories. Her articles cover techniques and skills with plenty of hints and tips on how to achieve perfect results.

DIANE BENNETT

Diane's expertise on the Brother electronics has rapidly expanded with the introduction of each new model and To & Fro readers have already benefited from her invaluable teaching skills through articles, tuition tapes and courses. Diane will continue to pass on her knitting 'know-how' for all levels of experience, offering others the chance to build upon their skills.

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The swatch spot

by Angie ♥ *Knitwear by Design*

Use Angie's knitted fabrics and design ideas as a source of inspiration for creating your own individual look. This month her swatches take to the air in a selection of repeating and border patterns based on hot air balloons.

Do you remember my 'kite' designs in the June '92 Swatch Spot? I decided to continue to work on the flight theme and came up with the following ideas on hot air balloons. Many of these giants can be seen in the Kent area around Leeds Castle, during the annual hot air balloon race. I have had the privelege of watching a balloon take off from Bodiam Castle and seeing another land at Sissinghurst Gardens. Wollaton Hall in Nottingham is another popular venue for balloon enthusiasts and I have spent many Sundays there with my sister, watching balloons floating majestically over the countryside.

The four balloon designs in this article can be worked in pairs to create all-over patterning, or separately for borders. When I give talks on my designs, I always emphasize how each one can be made to look quite different by the use of colour and texture. Balloons are manufactured in a variety of bright colours that stand out against the skyline.

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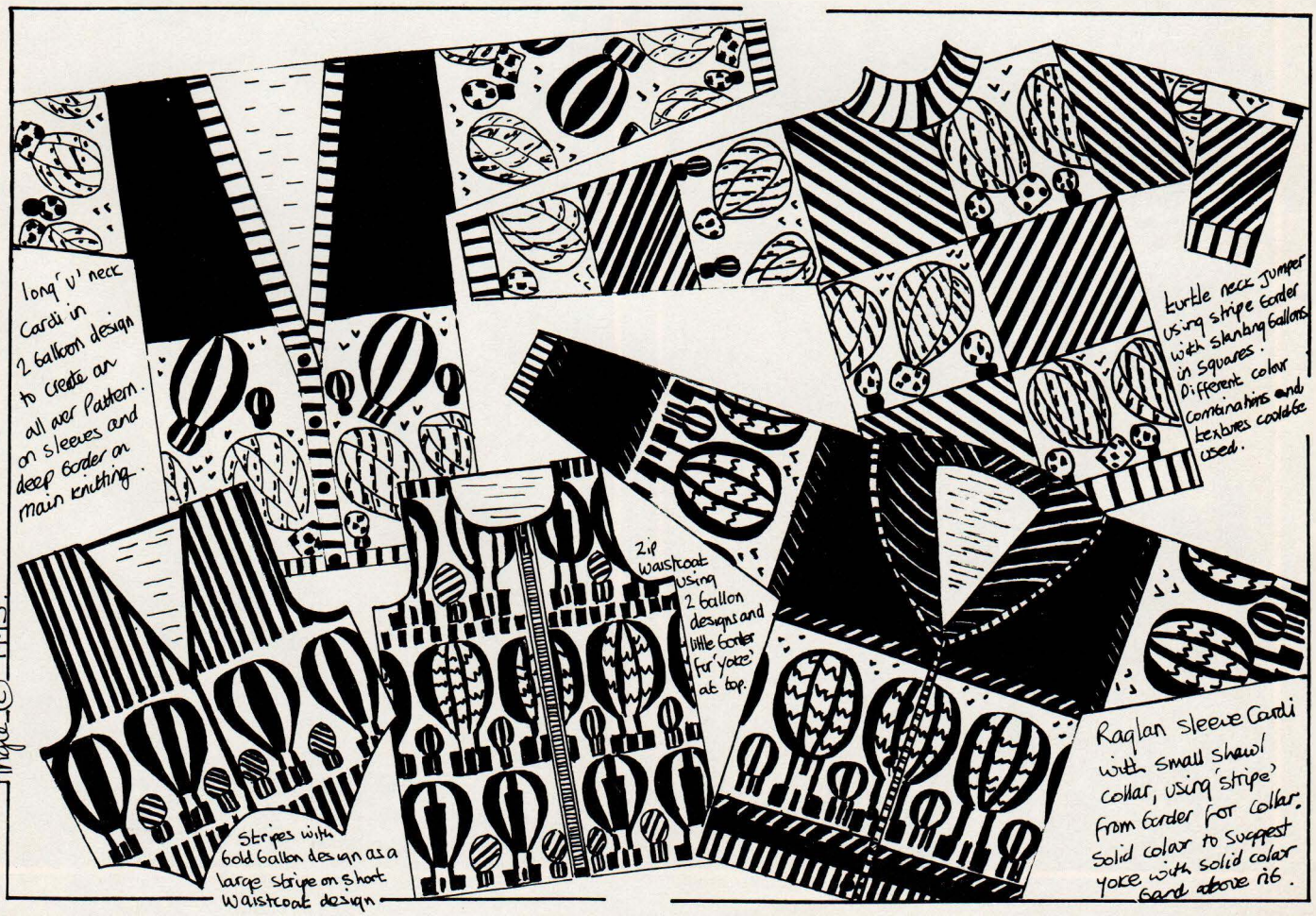

long 'v' neck Cardi in 2 balloon design to create an all over Pattern. on sleeves and deep border on main knitting.
Zip waistcoat using 2 balloon designs and little border for 'yoke' at top.
Turtle neck Jumper using stripe border with slanting ballons in squares. Different colour combinations and textures could be used.
Raglan sleeve Cardi with small shawl collar, using 'stripe' from border for collar. Solid colour to suggest yoke with solid colour band above rib.
Stripes with bold ballon design as a large stripe on short waistcoat design
Angie © 1993.

◀ 9

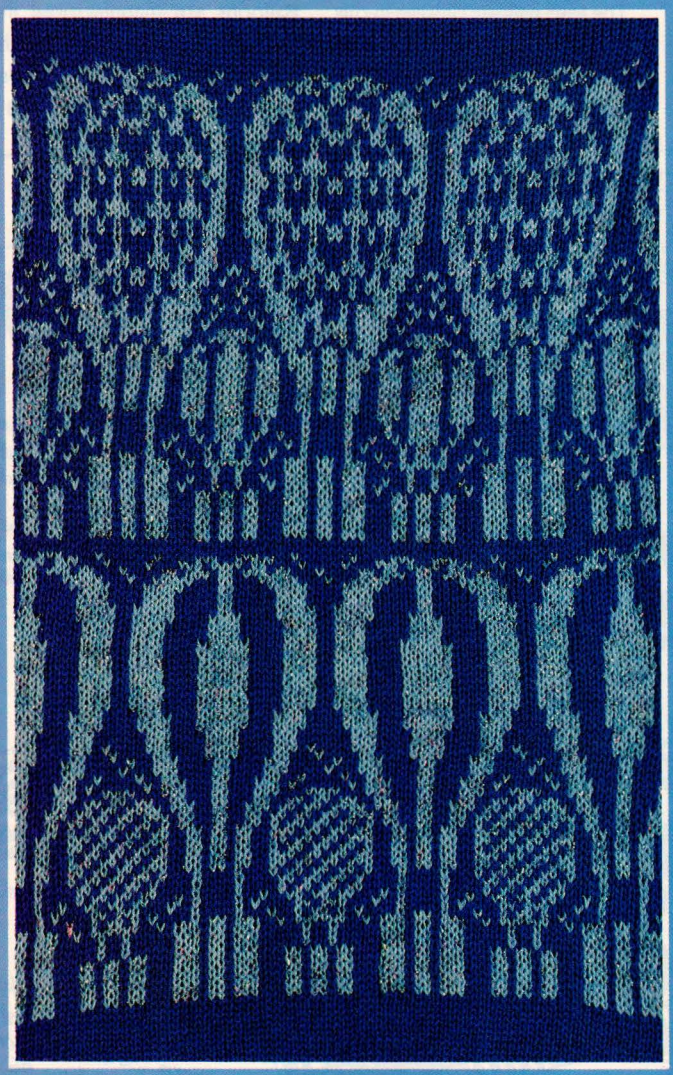
Bright colours are excellent for younger children. Try combining a mixture of different tones of blue for the sky and use a solid colour for the balloon. The background could be worked in blues, purples and greens for the skyline with a contrast colour for the balloon.

Alternatively, each balloon design could be worked in a different colour, keeping the background colour the same – this would produce a deep stripe effect. For more abstract results, work each balloon design in narrow stripes.

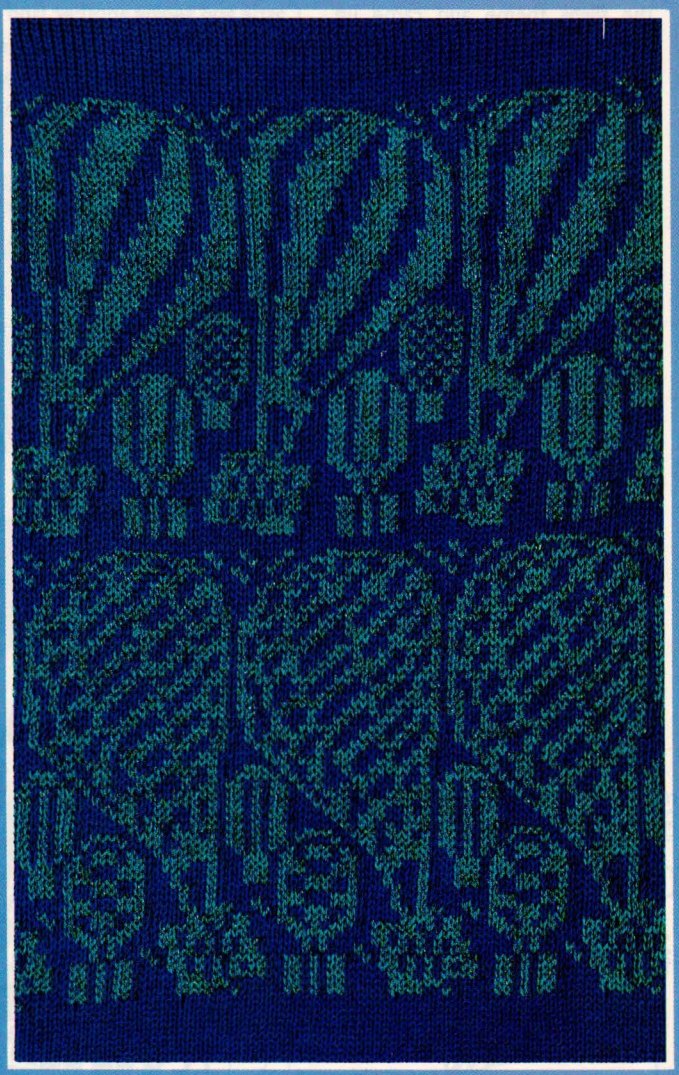
Children as well as adults have occasions for wearing something special or different. I thought it would be interesting to knit the swatches using Lurex in various combinations to create some luxurious fabrics suitable for both children and adults. Lurex comes in flat and boucle finishes and can be obtained in a selection of colours as well as multi-coloured. Flat Lurex gives a hint of sparkle whilst boucle Lurex provides a more predominant

SWATCH 1

SWATCH 2



SWATCH 3



SWATCH 4

sparkle for a really glittering effect. A hot air balloon in a March sky would certainly brighten up a dull day – why not brighten up your next jumper with one of these balloon designs!

FABRIC INSTRUCTIONS

Yarns Used:

Col 1 – Yeoman Yarns 4 ply Chenille (Black)

Col 2 – Texere Yarns 4 ply Lurex (Silver)

Col 3 – Forsell 2 ply Pure New Wool used double (Royal Blue: shade 51)

Col 4 – Forsell 2 ply Pure New Wool (Soft Sand: shade 61) plus 2 strands Texere Yarns fine Lurex boucle (Gold)

Col 5 – Brockwell Yarns 2 ply Mercerised Cotton used double (Purple: shade 657)

Col 6 – Forsell 2 ply Pure New Wool (Snowhite: shade 62) with one strand multi-colour Lurex plus one strand of Texere Fine Flat Lurex (Silver)

Col 7 – Brockwell Yarns 2 ply Mercerised Cotton used double (Emerald: shade 618) with one strand flat Lurex (Green)

SWATCH 1

(For Standard Gauge Punchcard and Electronic Machines)

Use Cols 1 and 2.

Push 45 Ns at left and right of centre 0 to WP (90 Ns). Insert Card A and lock on row 1. Using Col 1, cast on and knit 40 rows stockinet.

* Release card and set carriage for Fair Isle. With Col 1 in feeder 1 and Col 2 in feeder 2, knit 6 rows.*

Remove Card A. Insert Card 1 and lock on row 1. Set carriage for stockinet. ** With Col 1 in feeder 1 only, knit 2 rows.**

Release Card 1 and set carriage for Fair Isle. With Col 1 in feeder 1 and Col 2 in feeder 2, knit 58 rows.

Remove Card 1. Insert Card A and lock on row 1. Set carriage for stockinet. Rep from ** to **. Rep from * to *. Remove card and set carriage for stockinet. With Col 1 in feeder 1 only, knit 40 rows. Cast off. Sew in all ends. Give swatch a light steam on wrong side.

SWATCH 2

(For Standard Gauge Punchcard and Electronic Machines)

Use Cols 3 and 4.

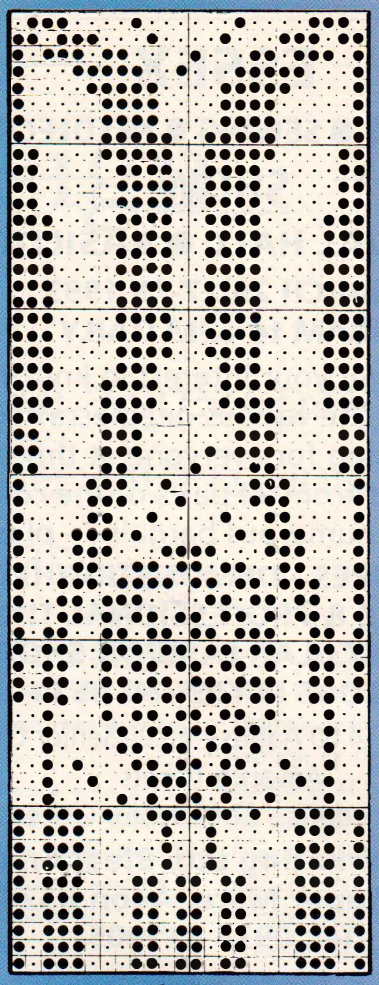
Push 45 Ns at left and right of centre 0 to WP (90 Ns). Insert Card B and lock on row 1. Using Col 3, cast on and knit 40 rows stockinet.

* Set carriage for Fair Isle. DO NOT RELEASE CARD B. With Col 3 in feeder 1 and Col 4 in feeder 2, knit 6 rows. *

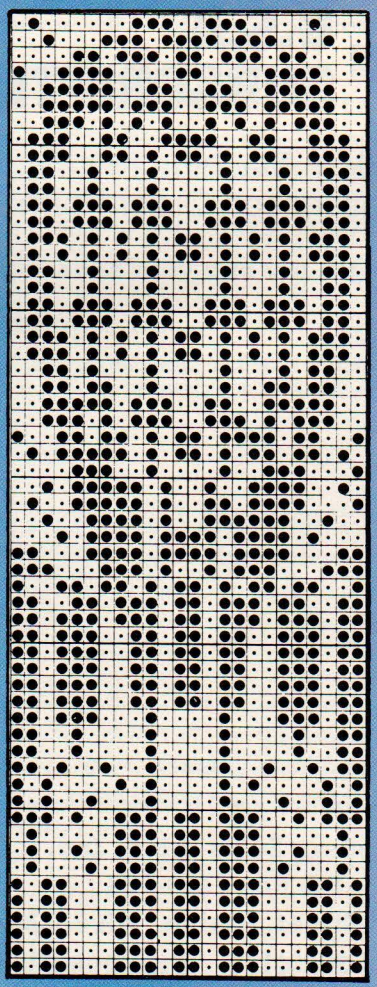
Remove Card B. Insert Card 2 and lock on row 1. ** Set carriage for stockinet. With Col 3 in feeder 1 only, knit 2 rows.**

Release Card 2. Set carriage for 12 ▶

SWATCH 5



CARD 1



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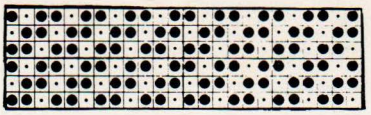
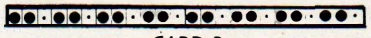


CARD A



CARD B

Fair Isle. With Col 3 in feeder 1 and Col 4 in feeder 2, knit 58 rows.
Remove Card 2. Insert Card B and lock on row 1. Rep from ** to **.
Rep from * to *.
Remove Card B. Set carriage for stockinet. With Col 3 in feeder 1 only, knit 40 rows. Cast off. Sew in all ends. Give swatch a light steam on wrong side.

SWATCH 3

(For Standard Gauge Punch-card and Electronic Machines)
Use Cols 5 and 6.
Push 45 Ns at left and right of centre 0 to WP (90 Ns). Insert Card 1 and lock on row 1. Using Col 5, cast on and knit 20 rows stockinet.
* Release card and set carriage for Fair Isle. With Col 5 in feeder 1 and Col 6 in feeder 2, knit 58 rows.*
Remove Card 1. Insert Card 2 and lock on row 1. Set carriage for stockinet. With Col 5 in feeder 1 only, knit 2 rows. Rep from * to *.
Remove Card 2. Set carriage for stockinet. With Col 5 in feeder 1 only, knit 20 rows. Cast off. Sew in all ends. Give swatch a light steam on wrong side.

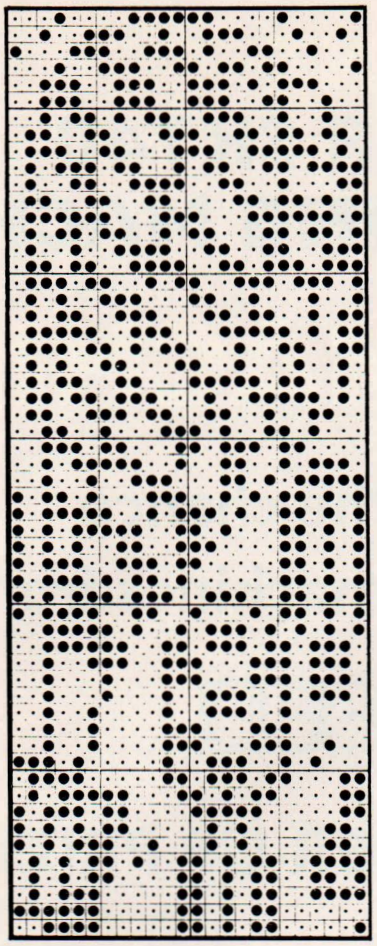
SWATCH 4

(For Standard Gauge Punch-card and Electronic Machines)
Use Cols 5 and 7.
Push 45 Ns at left and right of centre 0 to WP (90 Ns). Insert Card 3 and lock on row 1. Using Col 5, cast on and knit 20 rows stockinet.
* Release card and set carriage for Fair Isle. With Col 5 in feeder 1 and Col 7 in feeder 2, knit 56 rows.*
Remove card 3. Insert card 4 and lock on row 1. Set carriage for stockinet. With Col 5 in feeder 1 only, knit 2 rows. Rep from * to *.
Remove card 4. Set carriage for stockinet. With Col 5 in feeder 1 only, knit 20 rows. Cast off.

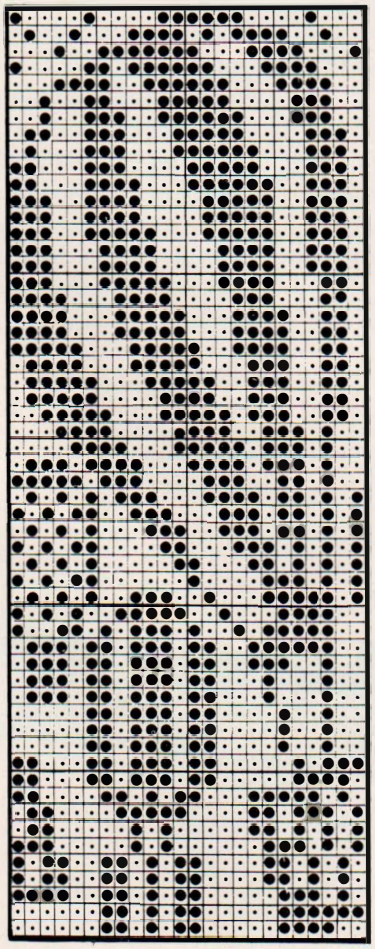
SWATCH 5

(For Standard Gauge Punch-card and Electronic Machines)
Use Cols 3 and 2
Push 45 Ns at left and right of centre 0 to WP (90 Ns). Insert Card B and lock on row 1. Using Col 3, cast on and knit 40 rows stockinet.
* Set carriage for Fair Isle. DO NOT RELEASE CARD B. With Col 3 in feeder 1 and Col 2 in feeder 2, knit 6 rows.*
Remove Card B. Insert Card 4 and lock on row 1. Set carriage for stockinet. With Col 3 in feeder 1 only, knit 2 rows.
Release card and set carriage for Fair Isle. With Col 3 in feeder 1 and Col 2 in feeder 2, knit 56 rows.
Remove Card 4. Insert Card B and lock on row 1. Set carriage for stockinet. With Col 3 in feeder 1 only, knit 2 rows. Rep from * to *.
Remove Card B. Set carriage for stockinet. With Col 3 in feeder 1 only, knit 20 rows. Cast off. Sew in all ends. Give swatch a light steam on wrong side.

Angie is available to give talks to knitting clubs. For more information please telephone her on 0293 523805.



CARD 3



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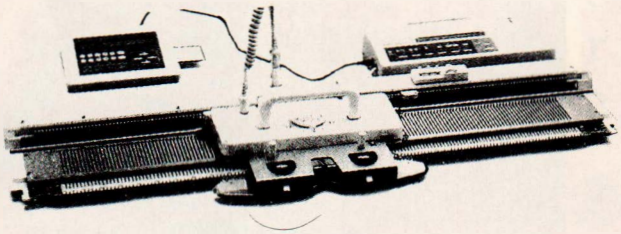

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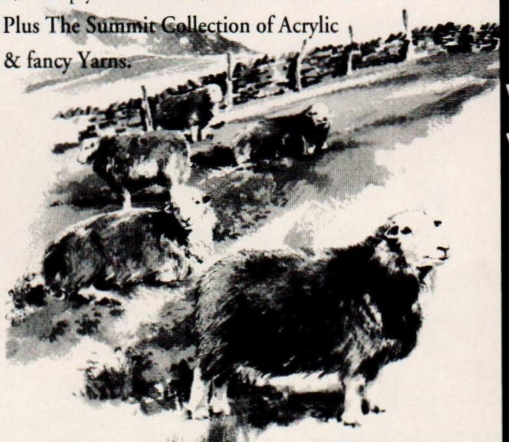

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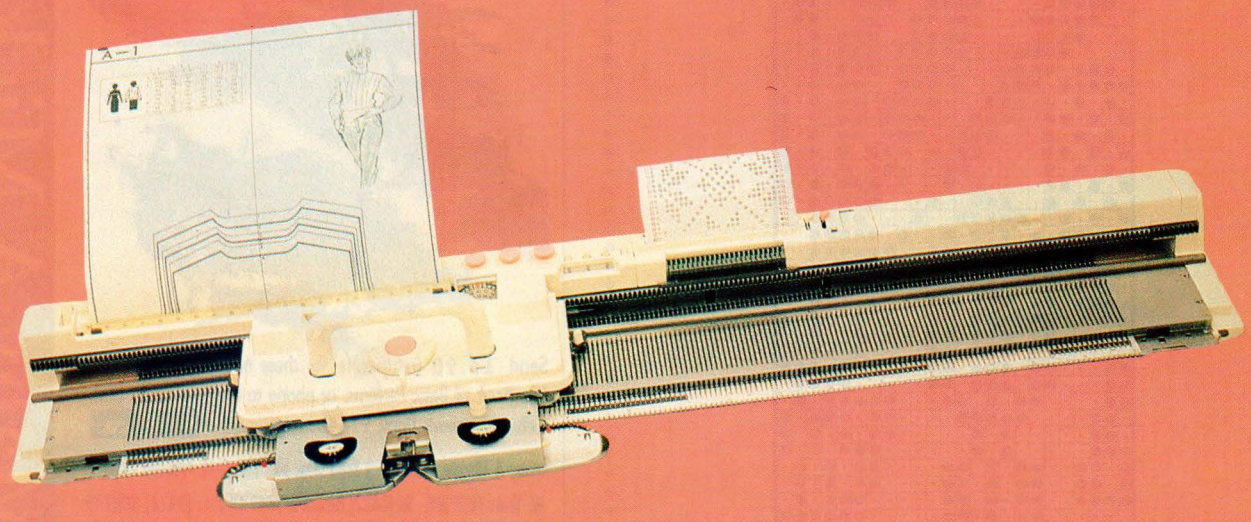

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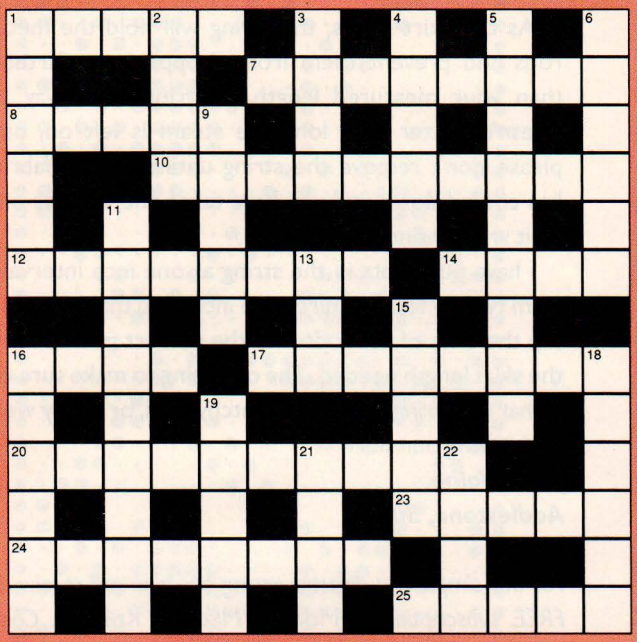

ACROSS

1. Man's name (5)
7. Concern (8)
8. Bury (5)
10. Cooking device (10)
12. Confusions (8)
14. Relax (4)
16. Carry (4)
17. Does no damage (8)
20. Cataracts (10)
23. Strange (5)
24. Censure (8)
25. Lean (5)

DOWN

1. Religious person (6)
2. Always (4)
3. Opposed to (4)
4. Smallest (5)
5. Postpones (9)
6. Certify (6)
9. Automation (5)
11. Original (9)
13. Meadow (3)
15. Steady pace (5)
16. Direction of (6)
18. Road (6)
19. Sing softly (5)
21. Curved structure (4)
22. Animal (4)

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To enter our competition, simply solve the clues in our easy crossword puzzle and send the completed form to us by the 31st March 1993. If you'd prefer not to cut your magazine, please write the answers clearly on a plain piece of paper.

Finally, tell us – IN NOT MORE THAN 12 WORDS – why you'd like to be the proud owner of one of the latest punchcard models and we'll select the winner and runners-up from our postbag.

COMPETITION ENTRY FORM
March 1993 MMK

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Complete the following sentence in not more than 12 words.
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Please tell us the make and model of your current knitting machine.

I own a ..... machine.

Cut out the form and send it – together with the answers to the crossword competition – to March Competition, Modern Machine Knitting, 3 Bridge Avenue, Maidenhead, Berkshire SL6 1RR.

RULES

1. You should print your answers clearly in the grid provided and send them – together with an entry form cut from the magazine to:- March Competition, Modern Machine Knitting, 3 Bridge Avenue, Maidenhead, Berkshire SL6 1RR.
2. The competition is open to residents in the UK only, except employees of Modern Knitting Ltd., the magazine's typesetter, printer, distributor, employees of Silver Knitting Machines Ltd and their relatives.
3. Your entry must reach us by 31st March 1993 and we accept no responsibility for entries lost or delayed in the post.
4. No cash alternative will be offered.
5. The winners will be the first 13 correct entries drawn from our postbag after the closing date (one knitting machine winner and 12 subscription winners).
6. The winners will be notified in writing and the competition result will be published in a future issue of *Modern Machine Knitting*.
7. The Editor's decision is final and no correspondence will be entered into regarding the competition.

Letters, hints & tips

Win a subscription to *Modern Machine Knitting* when we choose your letter of the month.

LETTER OF THE MONTH

When steaming a shadow pleated skirt using the special steaming kit, it is sometimes difficult to see the correct length, even if marked on the plastic bag, as the steam hides it. I actually had one disaster when the front was perfect, but the back of the skirt had a 'train' where the weight had slipped off one end – I hadn't noticed this until it was too late!

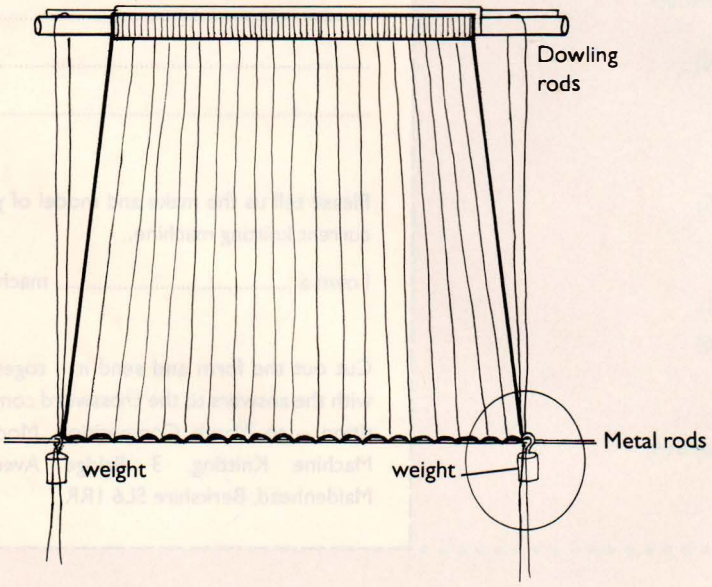
To prevent this from happening again, here is my tip. Take two lengths of string, each about two yards long, and tie these into separate circles. When the skirt has been prepared for steaming (by inserting the wooden dowels through the waistband and metal rods through the pleats), place the circles of string over the dowels at either end. Next, carefully measure the required length for the skirt and tie a knot at this point on both circles of string. Place the 'measured' loops of string over the metal rods at the bottom and also right over the weights on both sides. At this stage the string will be slack. Now put the plastic bag over the top and steam away!

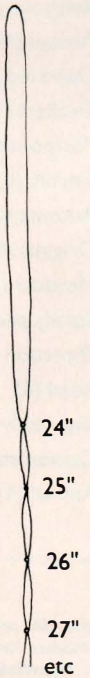
As the skirt drops, the string will hold the metal rods and prevent them from dropping any further than your measured length of string. This way, it doesn't matter how long the steam is left on, but please don't remove the string until the skirt fabric has cooled down and you have taken the weights off, or it will continue to stretch!

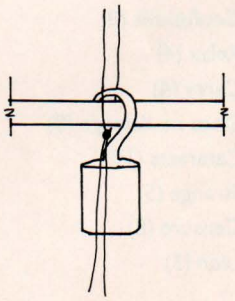
I have put knots in the string at one inch intervals from twenty four to thirty two inches so that I can just slip the ends of the rods into the correct position for the skirt length needed. The one thing to make sure of is that the string is not the stretchy kind, or it may well drop with your skirt!

Joan Waine,
Addlestone, Surrey

For this simple but disaster saving tip, Joan will receive a FREE subscription to Modern Machine Knitting. *Congratulations Joan and thanks for sharing your idea with others!*







Please keep writing

WRONG CLAMPS

I recall the frustration I felt at my early attempts to knit lace and I sympathise with Mrs C Taylor of Nottingham who is experiencing difficulties with this technique (July MMK). I have the LC 580 lace carriage and was eager to try out all the lovely lace patterns, but found all attempts unsuccessful. I thought I had done everything correctly – I had removed the ribber, sat down at my machine and followed the instructions – but when I began to knit, the stitches dropped to leave holes where they shouldn't and the whole piece of knitting ended up in a complete mess.

I re-read the instruction book, only to find that I had been doing everything right, so I therefore assumed that my lace carriage must be damaged in some way. However, before taking a trip to my knitting machine dealer, I decided to have one more go (this failed too), then I asked my daughter to come over (another machine knitter) to see if she could knit lace on my machine. When she arrived, she asked me to show her exactly what I did when I used the lace carriage and I was surprised by her laughter. She said 'Oh Mum, you still have your ribber clamps on the machine – it's no wonder you're having so much trouble!'

She removed the clamps and placed the machine flat on the table and I knitted lace. I had not realised that by removing only the ribber and not the clamps as well, the needle bed was still at the wrong angle for lace knitting. I could, in fact, have left the ribber in place and brought the knitted fabric over the front of the ribber bed, instead of letting it dangle between the two beds and then I would have been able to knit lace from the beginning!

Lace work is a great favourite with me now, so much so that I have made a wedding dress and two bridesmaid's dresses. I used a single strand of 'Brights' knitted on tension 3 and the resultant fabric is lightweight, presses well and hangs beautifully. The dresses are for use in our knitting club fashion shows which we put on for charity. We have raised quite a lot of money for hospitals and church appeals so the events are very worthwhile!

Mrs R Ukrainec, Cannock, Staffordshire

A TIP OR THREE

I bought a bright red metal kitchen stool from a large Do-It-Yourself store but found that I never used it and, what's more, it took up valuable space in my small kitchen! I often use my Hague Linker when making up my knitwear and this involves carrying it from my spare room to my dining room (which is a pain) and I suddenly hit upon the idea of using my unwanted kitchen stool as a stand for the linker. My son drilled five holes in the linker base and bolted it to the stool top – it is a perfect fit and exactly the right height to work at. I have placed the round plastic tray on to the support bars at the base of the stool – this provides storage space for things which are waiting to be sewn up, plus accessories such as scissors and so on. I think the stool only cost £6 in kit form so I am thrilled with its new function.

I often use 2/30's or similar weight yarns and have to wind off some on to a 'hat' so that I can strand up as required. I have come across and solved one problem which occurs with the yarn which is wound on to the hat. The first end of the yarn, which is crossed over the top of the hat and held down by the rest of the yarn (supposedly) often works loose and twists up with the end being knitted, thus creating a tangle. Before knitting, I now place a two pence piece on to the yarn in the hollow of the 'hat' and this keeps the loose end secure and out of trouble!

My final tip is for anyone who has difficulty in knowing which 'loops' to pick up when making button-holes. I teach machine knitting evening classes and have given my students a foolproof way which others might find helpful – I refer to the loops 'U U' as 'mouths' and the stitches ' ' as 'eyebrows'. It never fails!

Stella Coxhead, Dunstable, Bedfordshire

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The language of lace

Part 6 *by Kamalini Trentham*

Continue to discover the wide range of lace fabrics which can be produced with the Silver Reed lace carriage and learn how to translate a variety of lace charts into cards. This month Kamalini illustrates more of the language of lace with some attractive edgings.

Lace edgings and lace medallions have long been the domain of hand knitters. Although, in principle, medallions require increased and decreased stitches at the edges, in practice the technique only involves bringing a needle to B position for an increase and returning it to A position for a decrease. However, many edgings can be knitted without any hand manipulation of needles so long as the lace pattern is started as soon as the cast on row has been knitted. This is made possible by starting the knitting with waste yarn to allow the weights to be hung.

This month we will look at scalloped edgings which can be created by using lace patterns based on one of the most versatile unit design shapes – a chevron. Where such patterns are knitted at either the cast on or cast off edge of the knitting, the chevrons form scallops at this edge. The fewer the number of rows prior to the first transfer row of the lace pattern, the sharper the scallop. Ideally only two rows should be knitted.

To knit scallops at the start of the work:

Cast on with waste yarn and knit several rows, ending with the carriage at the left. Knit one row with the nylon cord. Bring the needles to C position, making sure that all the latches are open. Carefully work a crochet cast on, using the latch tool, in front of the nylon cord stitches. Knit two rows with the main yarn. If you are using an electronic machine, make sure all the cams are in place for the carriage to memorise their positions. If you are using a punchcard machine, the punchcard should be inserted and locked on row 1 prior to knitting the second row so that the pattern drums can read row 1. Hang on the weights and knit the pattern.

To knit scallops at the end of the work:

Knit one row after the last transfer at main tension and knit the second row on a tension setting at least five numbers looser than the main tension. Cast off the stitches using a latch tool. It is important that the cast off row is sufficiently loose to produce an elastic but firm cast off. If it is too tight the edge will pull in, the fabric will pucker and therefore the edge will not lie flat. If the loosest tension on the cam is not loose enough, knit the last row by hand as follows:

With the carriage at left, remove the yarn from the feeder and break off a generous length. Bring the needles forward to D position and then push them back to C position so that all the latches are open with the stitch loops behind them. Lay the yarn in the hooks and pull the fabric towards you to close the latches over the yarn. Push the needles back evenly to a position which is halfway between C and B. At this stage all the latches must be closed and the yarn should move freely in the latches. Starting from the left, knit the stitches by pulling the needles back as far as necessary to make the right size stitch loop. This takes a little practice but it is well worth mastering the technique as you will be able to use it for a host of other machine knitting applications. If the last transfer row leaves the carriage at the left, you will be knitting your first row from left to right and therefore the carriage will end up on the right. If you feel comfortable casting off from the right you can hand knit the last row from right to left using the knitting yarn, otherwise use a spare strand and knit from left to right to enable you to cast off from the left.

SAMPLES 1 AND 2

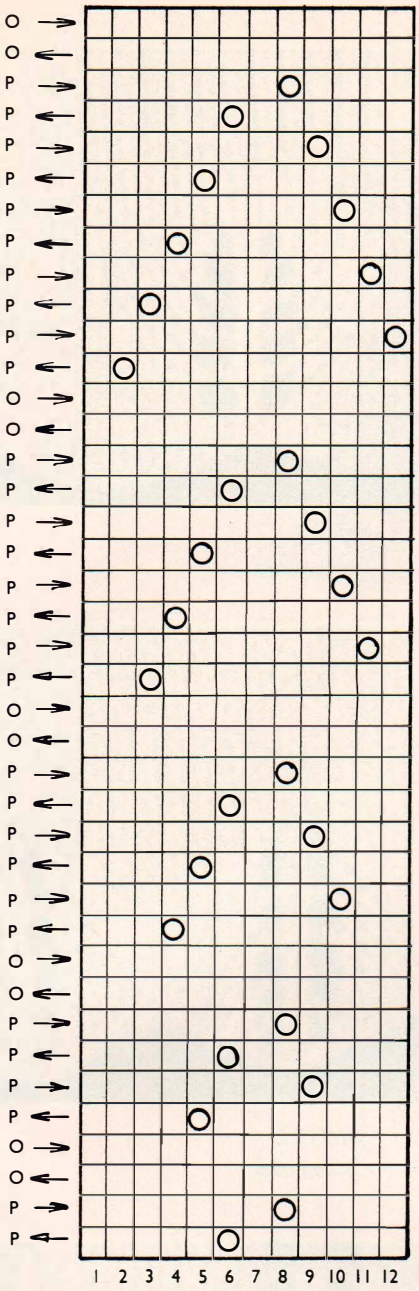
In Sample 1 the scallop is created at the cast on edge while Sample 2 shows the scallop created at the cast off edge of the same pattern. The two scallops look different. This pattern is the same as for Sample 3 which was originally illustrated in Part 4 (January issue) and is reproduced again in this article for your reference. Can you spot the scallops?

SAMPLE 3

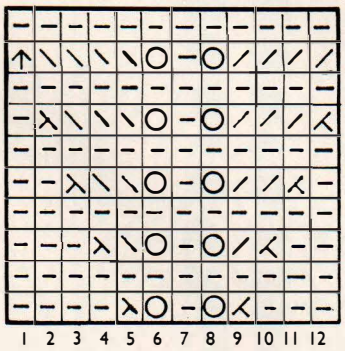
This is a more classic scallop with lace holes marking the chevron.

SAMPLE 4

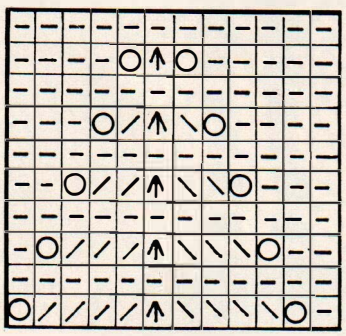
This sample shows the introduction of details within the chevron.



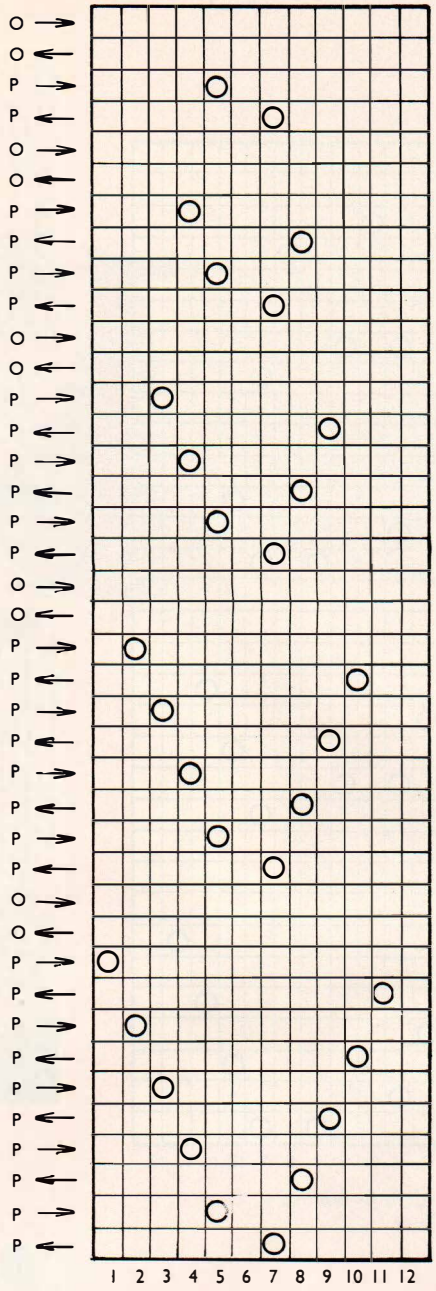
Pattern Card for Samples 1 & 2



Pattern Chart for Samples 1 & 2
Pattern repeat – 12 sts and 10 rows



Pattern Chart for Sample 3
Pattern repeat – 12 sts and 10 rows

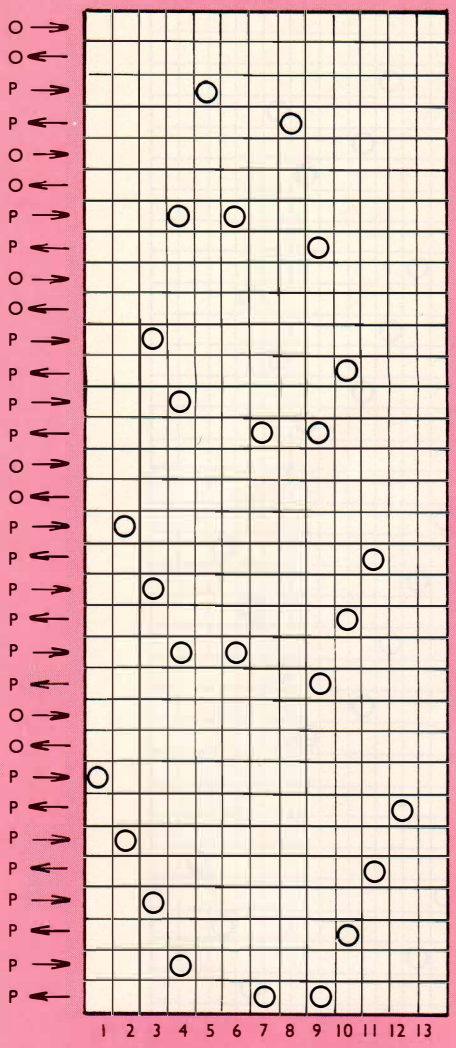


Pattern Card for Sample 3

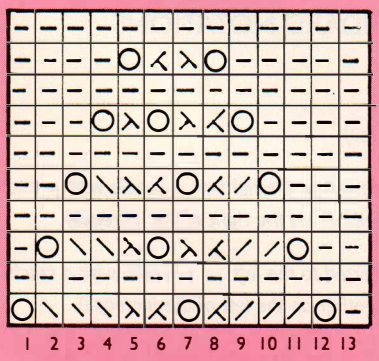
20 ▶

STANDARD NOTATIONS

–	=	*Purl stitch*
O	=	*Hole (increase)*
⟋	=	*Stitch transferred to the right on a needle with a stitch. (i.e. 2 sts together on the right of the increase).*
⟍	=	*Stitch transferred to the left on a needle with a stitch. (i.e. 2 sts together on the left of the increase).*
\	=	*Stitch transferred to an empty needle on the right.*
/	=	*Stitch transferred to an empty needle on the left.*
↑	=	*Three stitches on a needle.*



Pattern Card for Sample 4

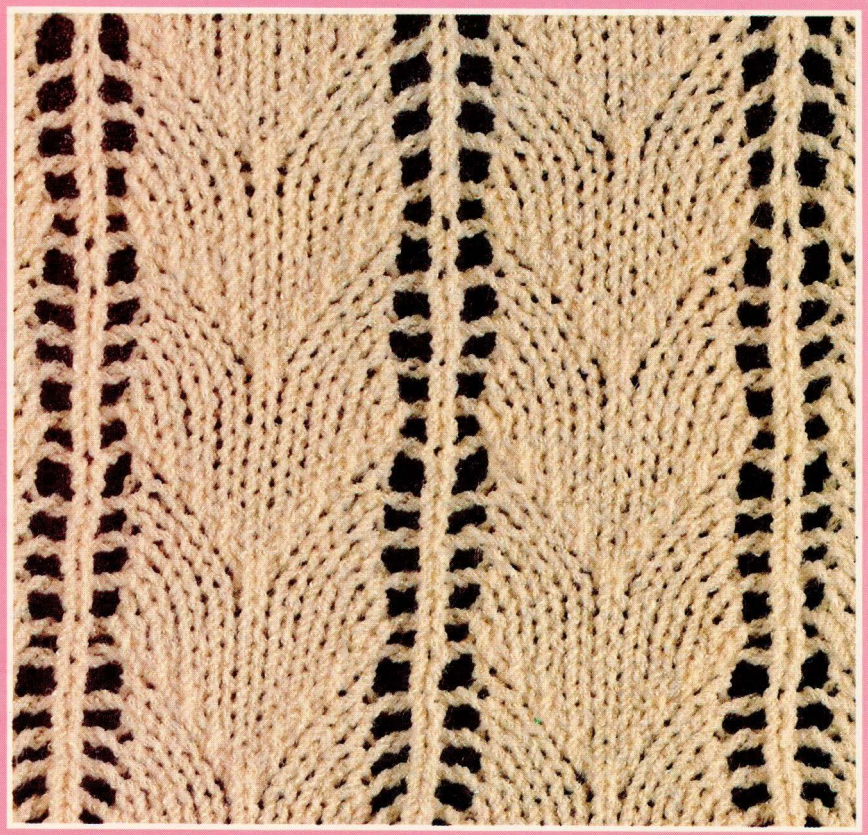


Pattern Chart for Sample 4
Pattern repeat 13 sts and 10 rows

This pattern is not suitable for punchcard machines

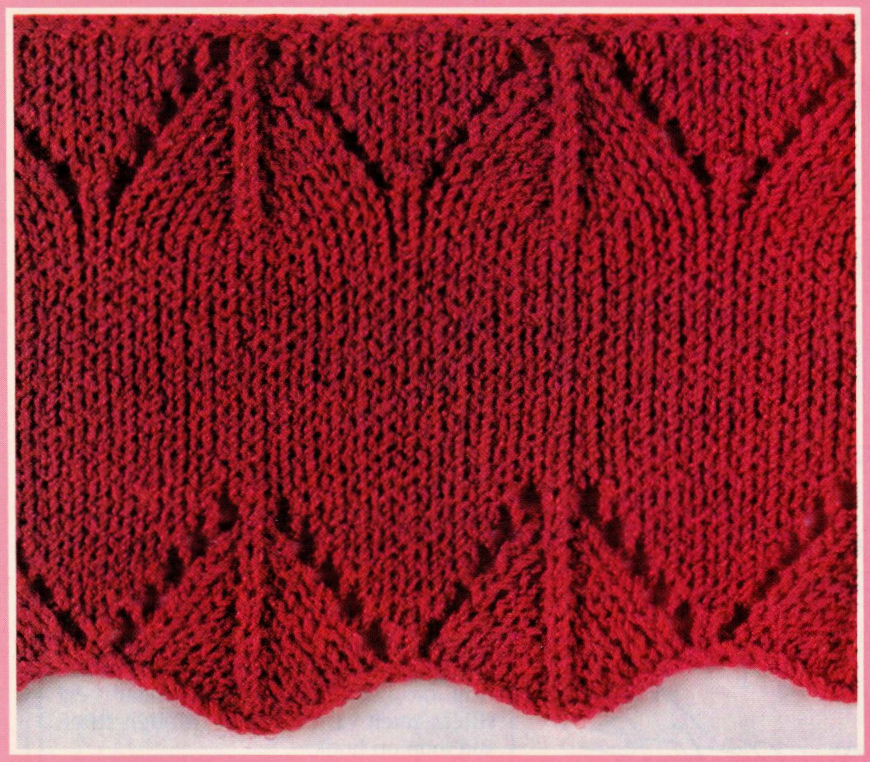
SAMPLE 1
Cast on edge

SAMPLE 2
Cast off edge

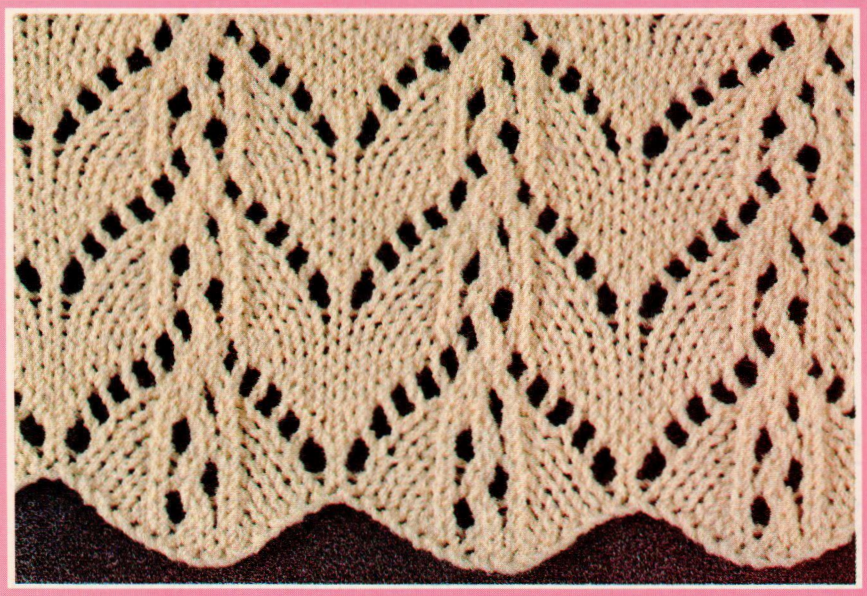


SAMPLE 3 from Part 4 showing all-over lace pattern used for edgings shown in Samples 1 & 2

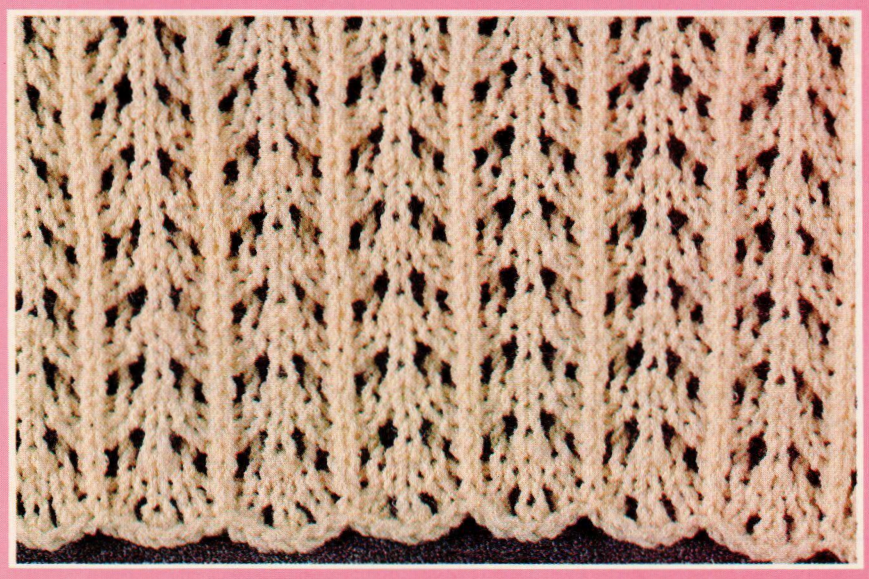
Cast off edge



SAMPLE 3
Cast on edge



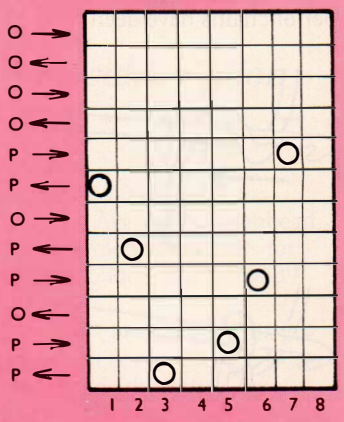
SAMPLE 4



QUIZ PATTERN SAMPLE 5

LAST MONTH'S QUIZ SOLUTION

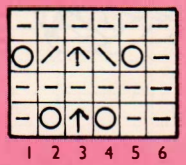
Here is the correct card for Sample 4 – check it with your version. Did you get it right?



Quiz Pattern Card Solution

THIS MONTH'S TEST

Sample 5 is our Quiz Pattern – the dainty scallops are worked over six stitches. Look at Chart 5 and see if you can translate it into a card. You'll find the correct solution in Part 7 next month.



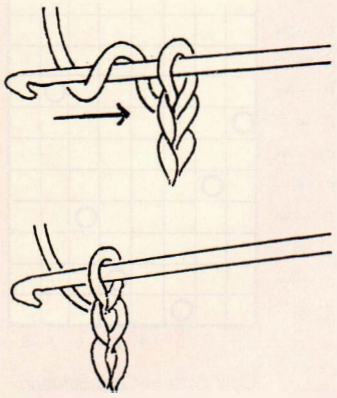
Quiz Pattern Chart for Sample 5
Pattern repeat 6 sts and 4 rows

Next month Kamalini will look at scallops created at the side edge.

BASIC CROCHET STITCHES

CHAIN (ch)
To work in chain, start with a loop on the hook then pass the hook under the yarn end from the left hand and pull it through the loop already on the hook. Continue in the same manner until the required number of chains have been made.

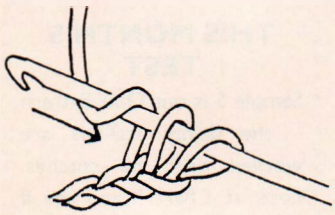
Chain



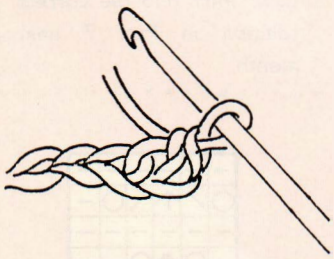
DOUBLE CROCHET (dc)
Work one chain at the start of the row and count this as the first stitch. Insert the hook into the next stitch, catch the yarn end and pull it through to the front of the work so that two loops are now on the hook. Take the yarn over the hook (a) and pull it through both loops to form one double crochet (b). This makes a good edging and (c) shows the effect of several double crochet stitches worked next to each other.

Double Crochet

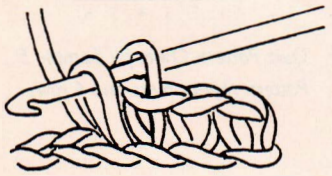
a)



b)



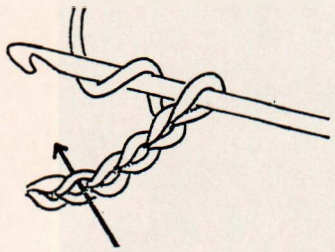
c)



TREBLE (tr)
To start the first treble at the beginning of a row, 3 chains are required to give the correct height for the stitch. Take the yarn over the hook (a) BEFORE inserting the hook into the 5th chain. Take the yarn over the hook (b) and pull it through to the front through the first loop on the hook (3 loops are now on the hook). * Take the yarn over the hook and pull it through the first 2 loops (c). Repeat from * to leave one loop on the hook (d).

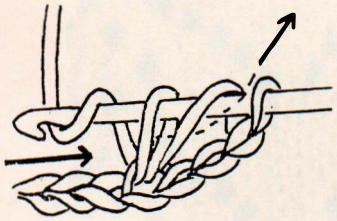
Treble

a)

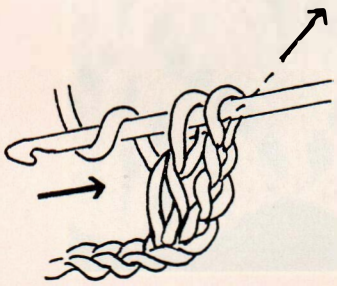


b)

c)



d)

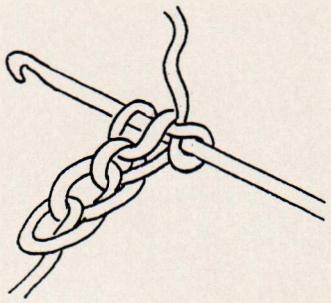


DOUBLE TREBLE (dtr)
This is worked in a similar way to treble, this time starting with 4 chains to get the height. The yarn must be taken TWICE over the hook BEFORE inserting it through the 6th chain. Take the yarn over the hook and pull through to the right side (4 loops now on the hook).

* Take the yarn over the hook and pull through the first 2 loops on the hook. Repeat from * to leave one loop on the hook.

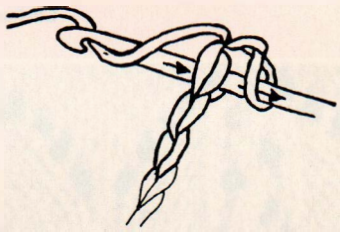
NOTE: For all crochet stitches described above, always pick up two loops of the stitch on the previous row (as shown below) unless the instructions specify otherwise.

FOR INSERTING CROCHET HOOK



SLIP STITCH (ss)
The slip stitch is used to add a minimum of depth to the work when progressing from one area to another; as a finishing edge, and also to fasten off.

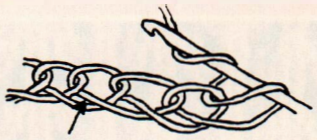
It is worked in one movement: with 1 loop on hook, insert hook under next stitch, catch yarn and pull through stitch and loop on hook.



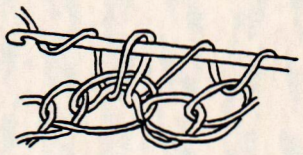
HALF TREBLE (htr)
This is worked in a similar way to the treble and requires 2 chains at the beginning of a row. Take the yarn over the hook (a) BEFORE inserting the hook into the 4th chain. Take the yarn over the hook again (b) and pull it through ALL 3 loops on hook (c).

NOTE: These instructions refer to working double crochet, trebles, double trebles and half trebles as fabrics, beginning with a foundation chain; to work the flowers given in our special crochet feature, the stitches are worked in exactly the same way, inserting the hook as instructed.

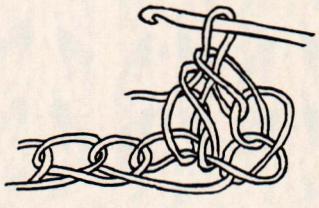
a)



b)



c)



Finishing touch

by Angela Gordon

Last month, Angela used a manual technique to produce some interesting ruched fabrics. Here she illustrates more ideas, this time using the slip stitch setting to create a variety of three-dimensional surface textures.

Whenever I first mention slip stitch to a group of knitters there is inevitably at least one who thinks that it is an uninteresting stitch. It is obvious from general comments that this is a much under-used stitch, possibly due to the fact that examples pictured in the knitting machine manuals only show very basic slip stitch patterns which give no clue to some of the wonderful fabrics that can be created. I remember being disappointed with slip stitch when I got my first machine – I thought it looked a bit like the reverse side of single colour Fair Isle!

Many knitters will be familiar with the 'tea cosy' stitch that is created with card 3 used double length and with the cam lever set to slip. This produces a slightly ruched fabric which is ideal for keeping the tea warm! But slip stitch has come a long way since the 'tea cosy' stitch was first used and once you learn how to use it to manipulate fabric for the required results, you'll find it both versatile and useful.

When I first started experimenting with ruched slip stitch I found that the results were mostly unpredictable, but now I have learned how to gather the fabric where I want it gathered. Experimentation is the only way to have fun AND learn whilst using this stitch. In my City & Guilds classes the best work is always produced by those knitters who enjoy spending time experimenting. It is always their work that the other students 'ooh' and 'aah' over! So, if you have not yet tried 'tea cosy' stitch, why not do so now? I suggest you make a small sample as mentioned earlier, using card 3 (double length) in slip stitch, just to get warmed up, then try out some of the samples in this article and develop further ideas from there.

If you would like to read more about slip stitch, I can recommend the book by Denise Musk entitled *'Machine Knitting – The Technique of Slip Stitch'*. This covers all types of slip stitch and Chapter Four, on 'Petal Slip', is all about ruching in many colours and some of the wonderful fabrics that can be created. For knitters who do not enjoy developing their own patterns there is an interesting collection of ruched slip stitch patterns by Caroline Nelson & Elaine Cater which are also well worth a look.

The illustrated samples are all knitted in Brockwell Yarns 2 x 2/22 Botany Wool, using tension 4 on a Silver Reed standard gauge machine. This produces a lightweight yet warm fabric which is ideal for jackets. I have used the beaded slip stitch idea (Sample 3) on the sleeves of an 'Ambergora' evening top – this yarn is light but strong, so the slip stitch holds the bead securely.

SAMPLE 1

This sample is a variation of the 'tea cosy' stitch. Every sixth stitch is slipped for six rows and then two rows are knitted in stocking stitch with contrast yarn. Alternate repeats are counter-changed (moved over by half a repeat). This does not produce a very ruched fabric (see lower half of sample) – there is only a slight bubbling between the slipped stitches. However, the ruching becomes quite marked when every sixth stitch is slipped for twelve rows – two contrast rows are still knitted in stocking stitch between each set of slipped rows (see top half of Sample 1).

As I was working on an electronic machine I cheated for this sample – I could not be bothered to re-draw the pattern so I used the double length switch (number 3) to double up the rows. However, when I got to the stocking stitch rows I still wanted only two, so I knitted two rows and then pressed switch number 1 so that the red light was on and did two free passes. This works well for small samples, but I would re-mark the mylar sheet for a full garment, to avoid the problem of forgetting to press switch number 1 again after the free passes! The extra slipped rows produce a highly textured and ruched honeycomb effect that I particularly like.

SAMPLE 2

Here is yet another version of 'tea cosy' stitch. This time, every eighth stitch is slipped for eight rows then four rows are knitted in stocking stitch. This produces a lightly ruched fabric which would be quite suitable for indoor sweaters or it could be knitted double length, as Sample 1, for a thicker, heavier fabric if you prefer.

24 ▶

SAMPLE 1

SAMPLE 3

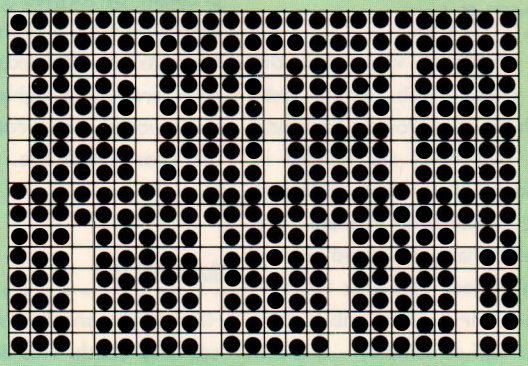
This is the beaded slip stitch pattern that I used for the sleeves of my evening top. Although the slipping is worked for fourteen rows, the fabric remains fairly light because there is only one stitch out of twenty four slipping at any time. I did try slipping every twelfth stitch but this made the sleeve very heavy and I found that I also used too many beads!

SAMPLE 4

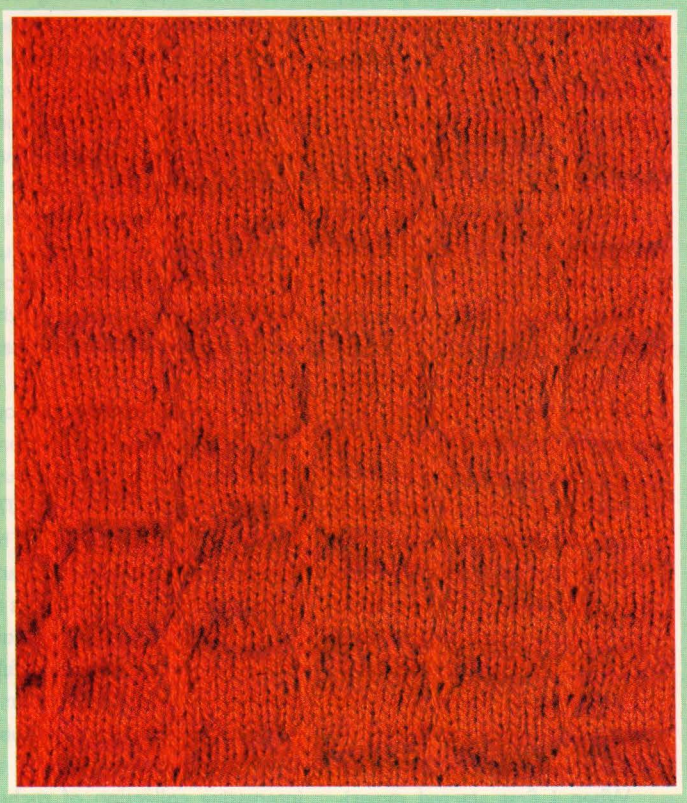
This sample is a variation of a fairly well known Passap stitch (a similar variation with an eight stitch repeat is used in Denise Musk's book and this stitch pattern is the basis upon which all the lovely multi-coloured ruched slip patterns are worked). For this version, two stitches out of every twelve slip for sixteen rows and then the adjacent two stitches slip for the following sixteen rows.

I personally like the single-coloured sample but I have also knitted Sample 5 to illustrate the effect of changing colours when the needles that slip are changed in this pattern. Try this sample also in three, four or more colours for many variations on a theme. Samples 4 and 5 are both fairly thick and heavy. They would make excellent fabrics for warm jackets, sweaters and, for those who are size 8 and under(!), interesting mini or maxi length skirts.

Electronic chart for Sample 1
6 sts x 16 row repeat



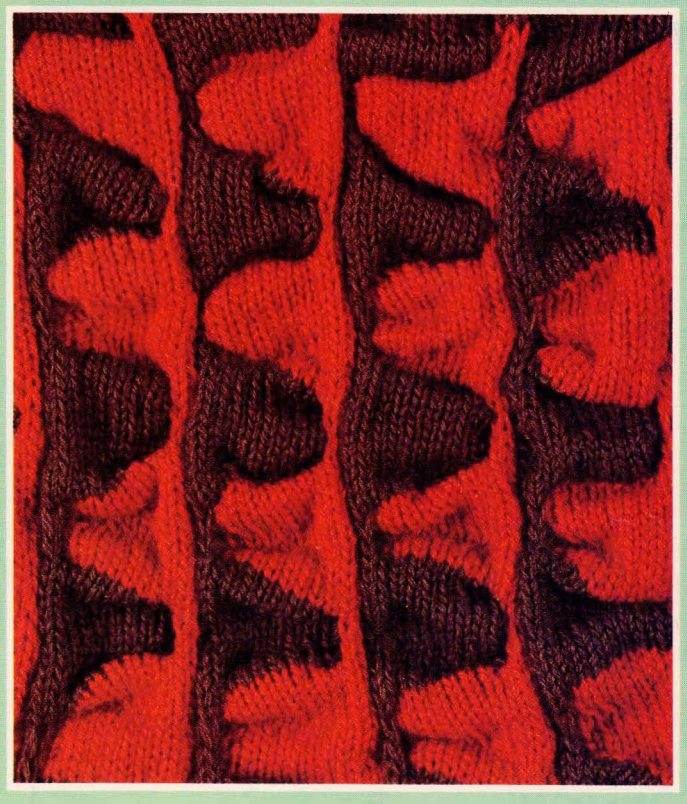
Punchcard repeat for Sample 1



SAMPLE 2

SAMPLE 4

SAMPLE 3



SAMPLE 5

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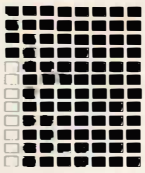
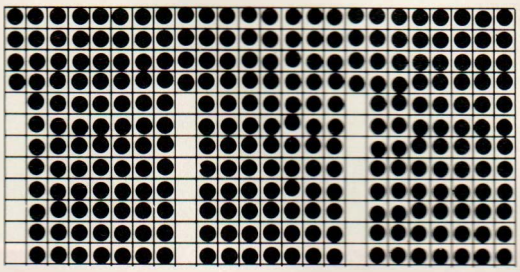
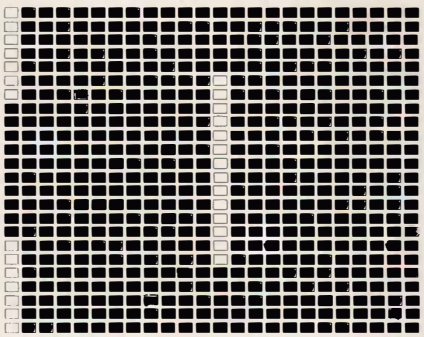


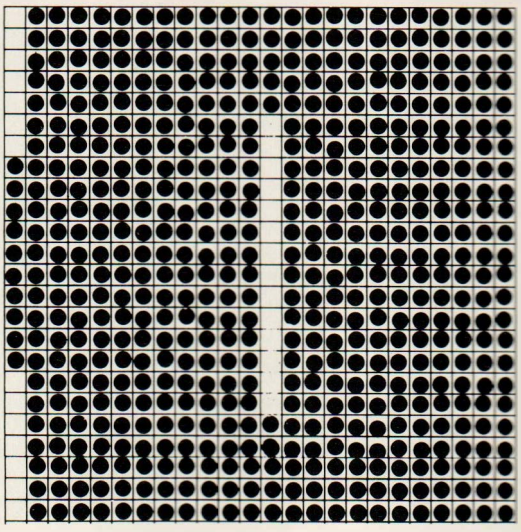
Electronic chart for Sample 2
8 sts x 12 row repeat



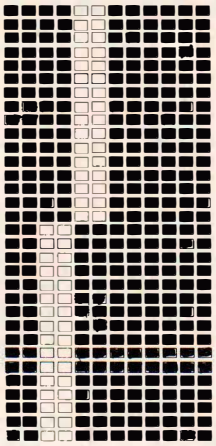
Punchcard repeat for Sample 2



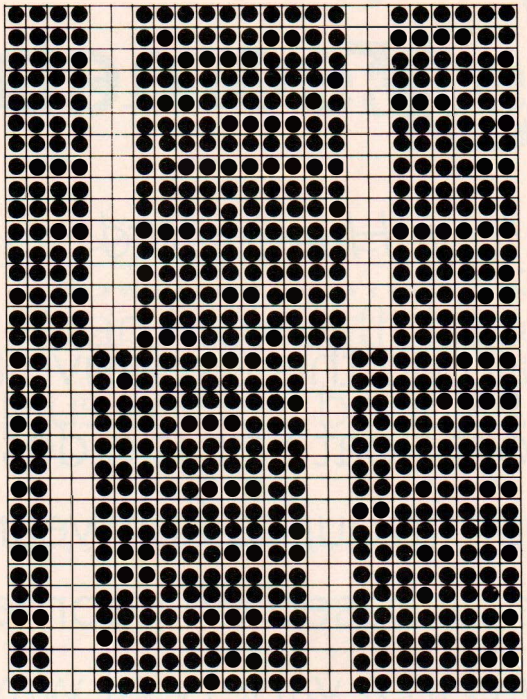
Electronic chart for Sample 3
24 sts x 24 row repeat



Punchcard repeat for Sample 3



Electronic chart for Sample 4 & 5
12 sts x 32 row repeat



Punchcard repeat for Sample 4 & 5
Note: Punch repeat shown throughout card and finish with two rows of punched holes after final complete repeat. Cut off excess card if necessary.

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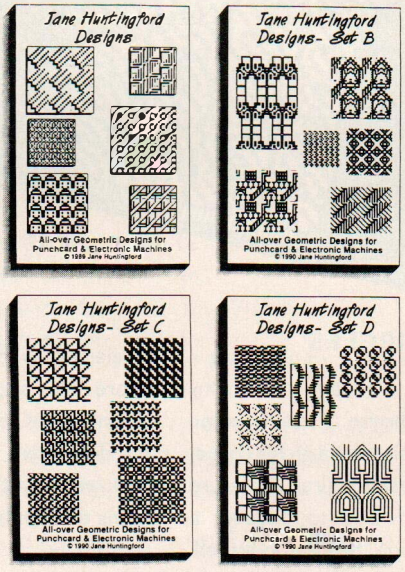
Geometric designs for 24 stitch punchcard and electronic machines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by Jane Huntingford

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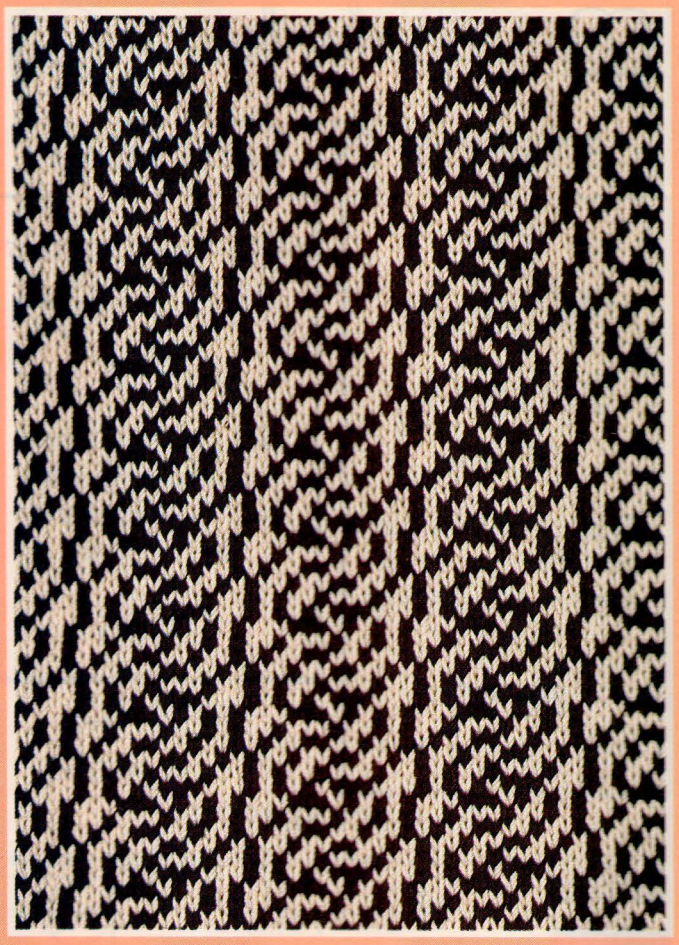
The repeat has an air of sophistication and can be knitted in a variety of different ways to produce a selection of patterns suitable for both mens' and womens' knitwear. The use of a light background yarn with a dark contrast makes the design increasingly prominent. Softer tones create a more subtle effect.



SAMPLE 1

'SEMI-CIRCLES'

Whilst on a recent visit to my brother's house, I spent some time browsing through his collection of architectural literature and was thrilled to discover a new addition to his bookshelf. This was a superb book, crammed full of photographs which illustrated a host of everyday design aspects and architectural elements from past history. These included railings, man-hole covers, brick patterns and so on – the types of thing that are such familiar sights in our daily travels that they are taken for granted and go almost unnoticed. I was in my element with such inspiration before me and produced my design 'Semi-Circles', based upon the decorative moulded brickwork which was used extensively during the Elizabethan era.

DESIGN IDEAS

'Semi-Circles' is an all-over geometric pattern which is suitable for 12 and 24 stitch punchcard machines as well as electronics. To complement the design I have also created a border and this can be used alone or as an all-over pattern.

SAMPLE 2

SAMPLE 3

SAMPLE 4

For elegant evening wear, use a dark background colour such as black or navy and add sparkle for contrast with gold Lurex. I find mercerised cotton the ideal yarn to mix with the Lurex – this cotton has a sheen which enhances the design, giving the finished garment a brocade type of effect. The illustrated samples are knitted in Brockwell Yarns 4 ply Mercerised Cotton.

SAMPLE 1

(For Punchcard and Electronic Machines)

'Semi-Circles' design used as an all-over pattern. (Ecru background: shade 601, with Black contrast: shade 645).

SAMPLE 2

(For Punchcard and Electronic Machines)

'Semi-Circles' border design. The illustrated border uses the 24 rows as shown on the punchcard border chart. For electronic machines, repeat the 12 border rows shown on the electronic border chart twice. Don't forget to try out this design as an all-over pattern too. (Ecru/Gold Lurex Mix background with Black contrast: shade 645).

SAMPLE 3

(For Electronic Machines)

'Semi-Circles' all-over design using the DOUBLE LENGTH and REFLECTION pattern variation facilities. (When using the REFLECTION facility together with DOUBLE LENGTH, the point of contact between patterning is overlapped for two rows. (Tan background: shade 630, with Black contrast: shade 645).

SAMPLE 4

(For Electronic Machines)

'Semi-Circles' border design using the DOUBLE LENGTH and REFLECTION pattern variation facilities – overlap is two rows as on Sample 3. (Black background: shade 645, with Tan contrast: shade 630).

31 ▶

Silver Reed advice spot

by Kamalini Trentham

If you are a Silver Reed owner, take this new opportunity to write in with your machine knitting queries. We will pass your letters on to Kamalini Trentham and publish her answers and advice for the benefit of other Modern Machine Knitting *readers. Kamalini will be pleased to hear from anyone who has a specific query on any of the Silver Reed machines, whether it be a standard, chunky, DK or fine gauge; manual, punchcard or electronic model. Your questions might concern a knitting technique, patterning query, use of one of the accessories, or a general problem you are experiencing. Don't forget, it doesn't matter whether you are an experienced knitter or just starting out as a beginner to machine knitting – your query might help others too! Please send your letters to 'Silver Reed Advice Spot', MMK, 3 Bridge Avenue, Maidenhead, Berks SL6 1RR, enclosing a SAE for your reply.*

Dear Kamalini,

Can you please advise me on the Knit Radar. I have had this attachment for some years, but was never quite satisfied with the results when knitting a garment. The sleeve head shaping and arm-hole always seemed to be too tight. Unfortunately, the instruction book was lost and so the Knit Radar was put away. I have now brought it to light again, had it cleaned up by an engineer who recently visited our club and now, hopefully with your help, I will be able to make use of it again!

I vaguely remember reading that the stitch rule (used after measuring a tension swatch) should be inserted in front of the pattern and moved to LEFT? or to RIGHT? I simply cannot remember how I should move the knobs to set the stitches and row mechanism. Your advice on this matter would be greatly appreciated!

Yours sincerely,

Audrey Lawler, Kirkintilloch, Glasgow

To successfully use the Radar you will need the instruction manual. Knitcraft, 131 High Street, Yiewsley, West Drayton, Middlesex UB7 7JN (tel: 0875 447854) stocks most Knitmaster spares and also offers a mail order service. It is quite likely that they will have a manual for your Knit Radar.

To get the correct fit you will need to draw Radar blocks to your own measurements. There are books and video tapes available on drawing Radar blocks from your own body measurements. Unfortunately, space does not allow for lengthy descriptions here on this page, but you may find it helpful to read two articles on the Knit Radar which were published in the June and July '91 issues of MMK. *These back issues are available from £1.50 each plus p&p (add 80p for 2 copies).*

Dear Kamalini,

Is it possible to connect the EC 1 patterning system to the 580 electronic machine, thus making the choice of the pattern edge from the centre of a design, instead of having to mark out the centre section only on to a new mylar sheet, as at present when using the 580?

Perhaps there is a way of using the 580 as is, but using the extra cams to control the Pattern Width Indicator?

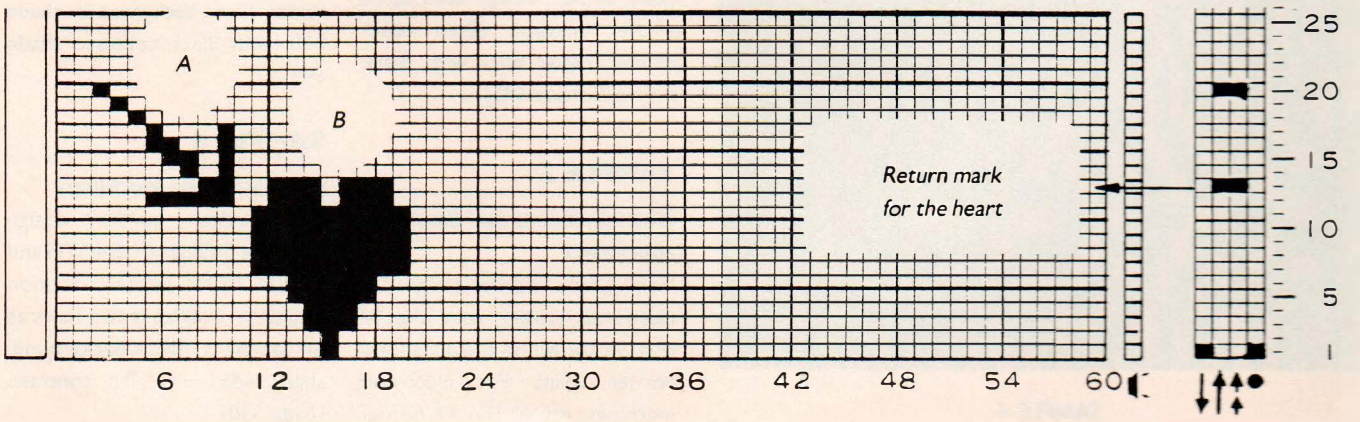
Yours sincerely,

Mrs R. Ukrainec, Cannock, Staffordshire

Yes, the EC 1 can be connected to the 580 machine. It connects to the PE 1 port on the side of the knitting machine. If required, the PE 1 can then be connected to the EC 1 instead of directly to the 580.

The EC 1 has two cursors to permit the choice of the right as well as the left edge of the pattern. Apart from making it possible to use the mylar sheet more efficiently by drawing a pattern anywhere, instead of always on the left, it also allows any portion of an existing pattern to be selected. When isolating a portion of a pattern, it may be necessary to re-mark the start and end of the pattern.

I am afraid that there is no way that I know of on the 580, which will allow you to choose the left edge of a pattern. You may, however, be able to isolate a small portion of the pattern. For example, if you want to knit pattern B (just the heart motif) from the illustrated design, without pattern A (the arrow), on, say, needles 1 to 9 on the right of the centre, you must set the cams as follows:



Set the Pattern Width Indicator to 20. Set the left Point Cam to 1 and the right Point Cam to 9.
Set the N1 Cam on needle 11 on the left of the centre.

Only single motifs can be knitted in this way. Using the EC 1 allows the width of the pattern to be determined by the two indicators rather than by clever use of the Point Cams and the N1 Cam.

Dear Kamalini,

I had a Knitmaster Electronic 560 for eight years and used the lace carriage with very little trouble, perhaps just the odd dropped stitch here and there, usually due to a faulty needle.

I now have a Silver Reed SK840 standard gauge electronic machine and recently purchased a lace carriage which has led to disaster after disaster! Dropped stitches appear all over the place – these occur on different lace patterns so I know it is not due to particular needles being faulty, although I have checked suspected ones. Then, when I did manage to knit a few rows of lace, I noted that the row counter wasn't working every time

My friend has the same machine and she brought her lace carriage over so that we could try a swap. Hers performed perfectly on my machine and the row counter worked too! She took my lace carriage back to her house and tried it on her machine with the same results – it worked with no problems at all! Have you heard of this before? We decided to swap carriages permanently as it would save me the trouble of sending my carriage back and trying out a new one, which might have had the same problems!

Yours sincerely,

Pauline Buckley, Scawsby, South Yorkshire

Thank you, Pauline, for sharing your interesting experience with us. Yes, I do believe that it is possible for your lace carriage to be much happier on your friend's needle bed than on yours and it is a simple enough affair to understand. The lace carriage and the needle bed need to be well timed to each other to knit without dropping stitches. By and large the timing is finely tuned and no problems are encountered, but when the lace carriage is bought separately, there will occasionally be one which requires fine adjustment.

Although you can check whether the timing is correct or not (see my reply to Mrs Preston's letter in the October issue of Modern Machine Knitting*), the adjustments must be done by a qualified mechanic and preferably by Silver Reed. Some machines are just more forgiving than others. You are very lucky that your friend's carriage was timed perfectly to your needle bed and that her bed is happy to accept your carriage. Sometimes, however, a new lace carriage, like a new car, needs to be broken in. This can mean teething troubles, particularly dropped stitches, which suddenly clear and leave you with a truly well behaved carriage. One can only hope that the 'breaking in' period is short!*

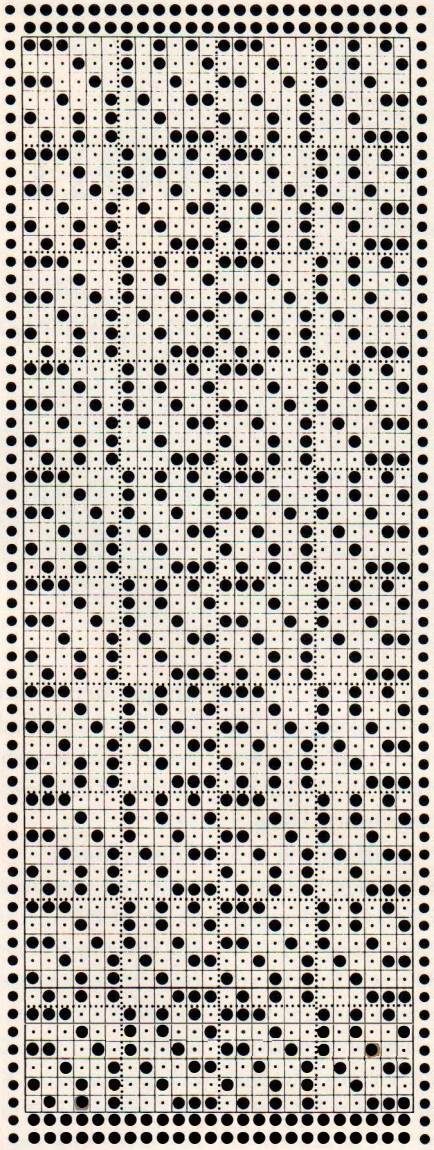
Dear Kamalini,

I have a Zippy Plus, 4.5 gauge punchcard machine and would like to ask how lace punchcards specifically designed for Brother or Toyota machines can be converted for use on the Silver Reed and Knitmaster punchcard machines. I understand that this can be done either by adapting the card or by using the card with additional rows worked in. I would find this information extremely useful as I often see patterns which I would like to use, but cannot because of my limited knowledge of this procedure.

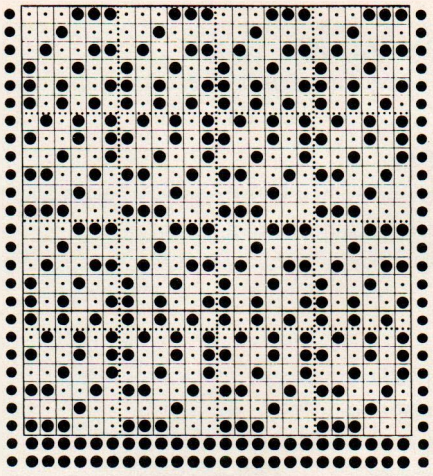
Yours sincerely,

Anna Ferguson, Edinburgh

By now you will have read the first five articles in the series on Silver Reed lace knitting – 'The Language of Lace'. Once you understand how the lace carriage works and learn how to translate lace diagrams to cards, it will be easy to adapt cards from other machines for use on your Zippy Plus.



Punchcard All-over Pattern



Punchcard Border Pattern

Electronic All-over Pattern

Electronic Border Pattern

Button up sweater

For something a little different, knit this stylish slip stitch design which features a button-fastened front band – easy to change into a real cardigan if you prefer!

BACK

With carriage at right, push 182 [200] Ns on each bed at centre to WP. * Arrange Ns for 2x2 rib (2x1 N arrangement). Using 2 strands of MY, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT–2••/ MT–2••, K 30 rows. Transfer sts for st st **. Insert card and lock on first row. Take carriage across twice without knitting. Release card and cont in slip st *. Set RC at 000. Using MT, K 226 rows. Place marker at each end.

Shape Armholes

Dec 1 st at each end of next and every foll alt row until 158 [176] sts rem. K 93 rows. RC shows 342.

Shape Neck

Note patt row on card. Using a length of MY, cast off centre 48 sts. Using nylon cord, K 55 [64] sts at left by hand taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Cast off 6 sts at beg of next row, K 1 row. Cast off 3 sts at beg of next row, K 1 row. Dec 1 st at beg of next row.

Shape Shoulder

* Cast off 6 [8] sts at beg of next row and dec 1 st at beg of next row. Rep last 2 rows from * 4 times more. Cast off rem 10 [9] sts. With carriage at right, unravel nylon cord over rem Ns bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in slip st. Finish to correspond with first side, reversing shapings.

FRONT

Work as for back to **. Using a length of MY, cast off centre 22 sts. Using nylon cord, K 80 [89] sts at right by hand taking Ns down to NWP. Using WY, K a few rows over rem sts and release from machine. With carriage at right, unravel nylon cord over Ns at right bringing Ns back to WP for first side. Insert card and lock on first row. Take carriage across twice without knitting. Release card and cont in slip st. Set RC at 000. Using MT, K 226 rows. Place marker at right edge.

Shape Armhole

Dec 1 st at beg of next and every

34 ▶

pattern 1

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS

Yeoman Janeiro.

2 x 500g cones in Burnt Orange (MY).

Knit-in elastic.

10 buttons.

GARMENT WEIGHT

Finished garment in first size weighs 595g.

The fibre content of this yarn is 50% Viscose, 25% Linen, 25% Acrylic. For further information about this yarn, please write to the following address:- Yeoman Yarns Ltd., 36 Churchill Way, Fleckney, Leicestershire LE8 0UD.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is Full, 2 ply.

MEASUREMENTS

To fit bust 87-92 [97-102] cm, 34-36 [38-40] in.

Actual size 114 [125] cm, 45 [49] in.

Length to shoulder 66 cm, 26 in.

Sleeve seam 50.5 cm, 20 in.

Instructions are written for the first size, larger size follows in brackets. If only one figure is given, it applies to both sizes.

TENSION

31.5 stitches and 58 rows to 10 cm, 4 in measured over slip stitch (tension dial approximately 6••).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used purl side of knitting as right side of garment.

Punch card or fill in pattern card, as shown, before starting to knit.

Count Ns in NWP as sts throughout.

Use two strands of yarn together throughout.

Use knit-in elastic with MY for cast on and tubular rows.

Electronic Machines

Place needle 1 cam between Ns 12 and 13 at left or right of centre 0. Press button 1 (right light on) and button 2 (left light on for 580 and SK 840 machines, right light on for other models).

pattern 1

foll alt row until 68 [77] sts rem. K 40 rows. RC shows 289.

Shape Neck

Cast off 13 sts at beg of next row, K 1 row. Cast off 6 sts at beg of next row, K 1 row. Cast off 3 sts at beg of next row, K 1 row. Dec 1 st at beg of next and every foll alt row until 40 [49] sts rem. K 42 rows. RC shows 348.

Shape Shoulder

Cast off 6 [8] sts at beg of next and foll 4 alt rows, K 1 row. Cast off rem 10 [9] sts. Push Ns 12 to 91 [100] inclusive at left to WP. 80 [89] Ns. With carriage at left and P side facing, replace sts below WY on to Ns. Unravel WY. Finish to correspond with first side, reversing shapings and reading left for right.

SLEEVES

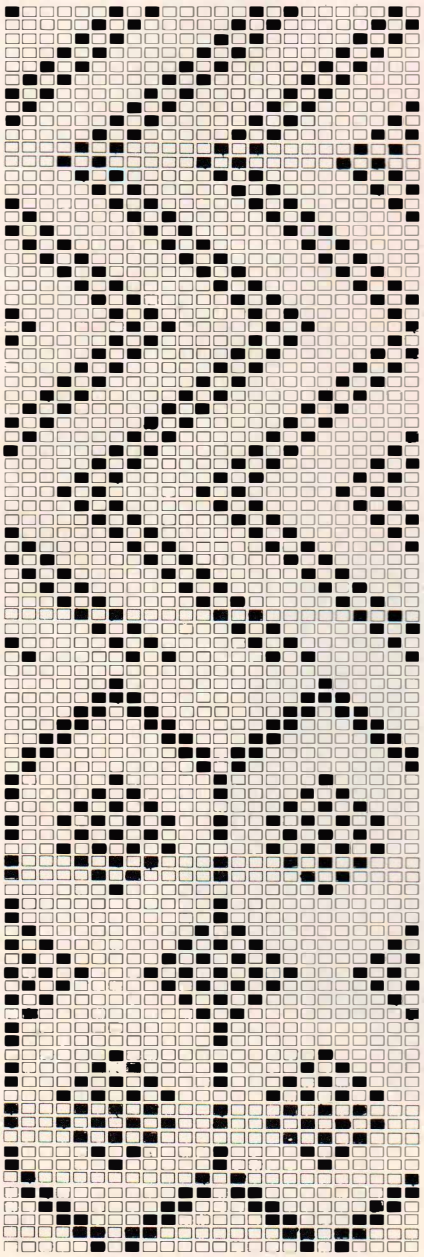
With carriage at right, push 80 Ns on each bed at centre to WP. Work as for back from * to *. Set RC at 000. Using MT, shape sides by inc 1 st at each end of next and every foll 9th row until there are 120 sts, then on every foll 10th row until there are 136 sts. K 8 rows. RC shows 260. Place marker at each end.

Shape Top

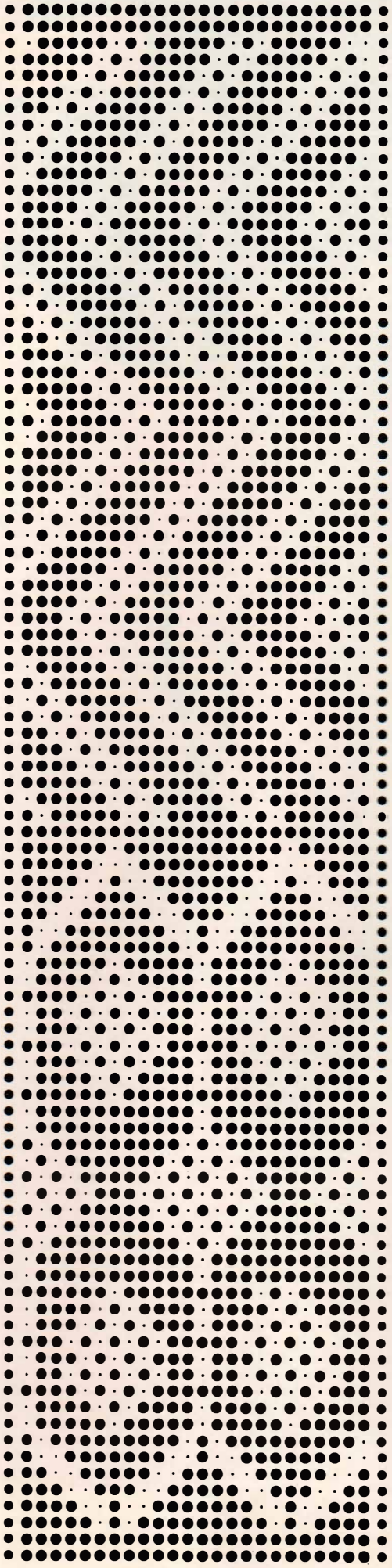
Dec 1 st at each end of next and every foll alt row until 112 sts rem. K 1 row. Cast off.

BUTTONHOLE BAND

With carriage at right, push 182 Ns on each bed to WP. Arrange Ns for 2x2 rib (2x1 N arrangement). Using 2 strands of MY, cast on and K 5 tubular rows.



ELECTRONIC CHART



PUNCHCARD CHART

Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT– 2••/MT–2••, K 15 rows. Make 9 evenly spaced buttonholes over 2 Ns on each bed. K 15 rows. Transfer sts for st st. Using MT, K 2 rows. Using WY, K a few rows and release from machine.

BUTTON BAND

Work as for buttonhole band omitting buttonholes.

NECKBAND

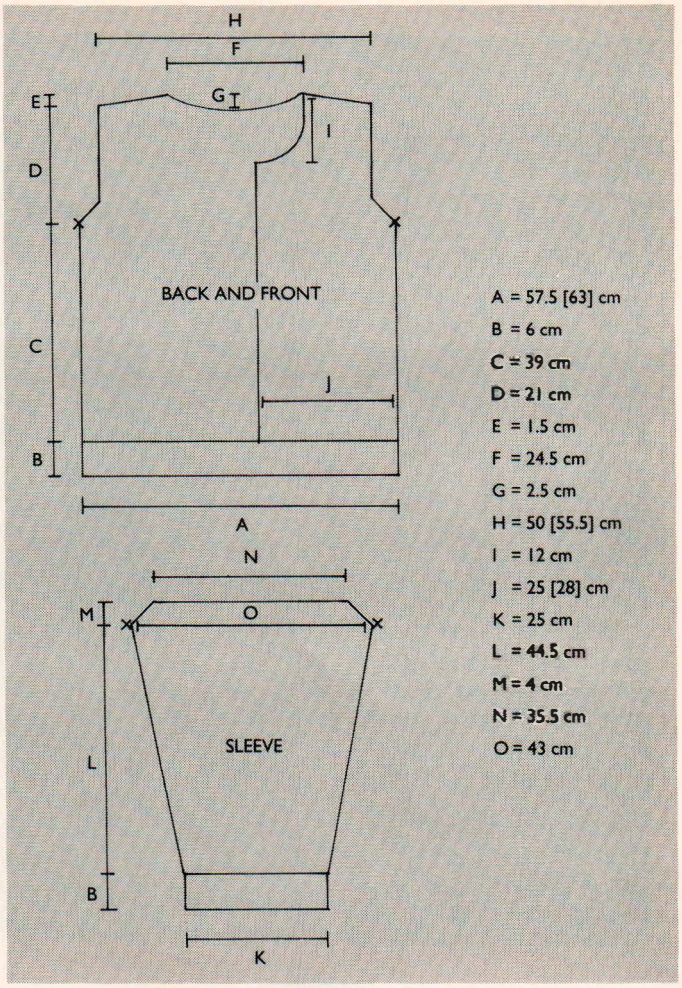
With carriage at right, push 188 Ns on each bed to WP. Arrange Ns for 2x2 rib (2x1 N arrangement). Using 2 strands of MY, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT– 2••/MT–2••, K 15 rows. Counting from right edge, make a buttonhole over Ns 10 and 11 on each bed. K 15 rows. Transfer sts for st st. Using MT, K 2 rows. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Join shoulder seams. Set in sleeves. Join side and sleeve seams. Pin front bands into position. Unravelling WY as required, backstitch through open loops of last row worked in MY. Lap buttonhole band over button band and sew into position. Pin neckband into position. Unravelling WY as required, backstitch through open loops of last row worked in MY. Finish buttonholes and sew on buttons to correspond.



A = 57.5 [63] cm
B = 6 cm
C = 39 cm
D = 21 cm
E = 1.5 cm
F = 24.5 cm
G = 2.5 cm
H = 50 [55.5] cm
I = 12 cm
J = 25 [28] cm
K = 25 cm
L = 44.5 cm
M = 4 cm
N = 35.5 cm
O = 43 cm

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VISA

pattern 2

Aran squares sweater

A chunky knit for the experienced knitter – this textured sweater features an Aran look with hand tooled lace and cable motifs plus knitted bobbles.

BACK

Push 97 Ns at centre to WP with extra st at right. Using MT and WY cast on and K a few rows ending with carriage at right. Push Ns to HP. Using MY, cast on by hand. Push Ns to UWP. Set RC at 000. Using MT–1, K 10 rows. Drop every alt st and pick up as for ribbing. Set RC at 000 *. Using MT, K 93 rows. Place marker at each end. K 69 rows. RC shows 162.

Shape Shoulders

Cast off 11 sts at beg of next 4 rows and 12 sts at beg of foll 2 rows. Using WY, K a few rows over rem 29 sts and release from machine.

FRONT

Work as for back to *. Using MT, K 1 row. Working motif B over Ns 17 to 47 inclusive at left and Ns 18 to 48 inclusive at right and motif A over Ns 15 at left to 16 at right inclusive, K 40 rows. RC shows 41. Working motif A over Ns 17 to 47 inclusive at left and Ns 18 to 48 inclusive at right and motif B over Ns 15 at left to 16 at right inclusive, K 40 rows. RC shows 81. Working motif B over Ns 17 to 47 inclusive at left and Ns 18 to 48 inclusive at right and motif A over Ns 15 at left to 16 at right inclusive, K 12 rows. RC shows 93. Place marker at each end. K 28 rows. RC shows 121. Working motif A over Ns 17 to 47 inclusive at left and Ns 18 to 48 inclusive at right and motif B over Ns 15 at left to 16 at right inclusive (omit centre cable motif, work sloping transfer lines only), K 19 rows. RC shows 140.

Shape Neck

Using nylon cord, K 54 sts at left by hand taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Dec 1 st at neck edge on every row until 38 sts rem, then on every foll alt row until 34 sts rem. K 7 rows. Drop st 17 down to top of welt and latch up in tuck st (see Notes). Cont in st st. K 1 row.

Shape Shoulder

Cast off 11 sts at beg of next and foll alt row, K 1 row. Cast off rem 12 sts. With carriage at right, unravel nylon cord over 11 Ns at right bringing Ns back to WP. Using WY, K a few rows and release from machine. With carriage at left, unravel nylon cord over rem Ns bringing Ns back to WP. Cont in patt. Finish to correspond with first side, reversing shapings and working st 16 in tuck st instead of st 17.

SLEEVES

Push 54 Ns at centre to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MY, shape sides by inc 1 st at each end of every 5th row until there are 90 sts. K 10 rows. RC shows 100. Cast off.

38 ▶

PATTERN RATING
**** Recommended for experts.

MACHINES
This pattern is suitable for chunky machines.

MATERIALS
Spectrum Strata Aran.
8 x 100g balls in Peach (MY).

GARMENT WEIGHT
Finished garment weighs 700g.

The fibre content of this yarn is 80% Acrylic, 20% Wool. For further information about this yarn, please write to the following address:– Spectrum Yarns, Spa Mills, New Street, Slaithwaite, Huddersfield, West Yorkshire HD7 5BB.

ABBREVIATIONS AND YARN THICKNESS
See information on last page. For thickness, Yarn Guide equivalent is Medium, Aran.

MEASUREMENTS
To fit bust 87-97 cm, 34-38 in.
Actual size 128 cm, 50 1/2 in.
Length to shoulder 74.5 cm, 29 1/2 in.
Sleeve seam 47 cm, 18 1/2 in.

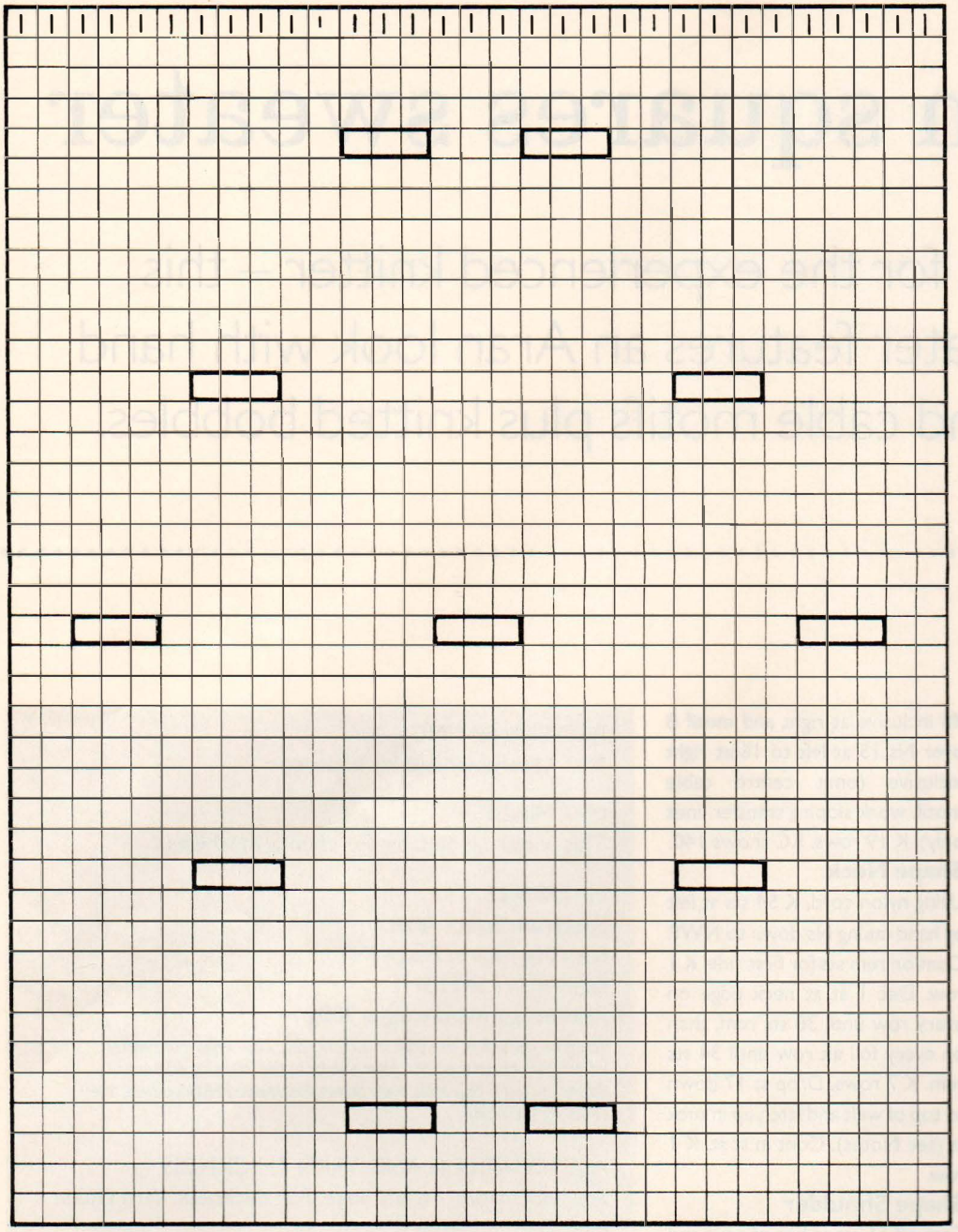
TENSION
15 stitches and 23 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 6).
For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit **side of knitting as right side** of garment. Instructions are **given for making a** plain back, but you might prefer to knit **the back with** the same pattern as the front.

Tuck Stitch
Drop st 16 at left and 17 at right down to last row of welt. Catch loop with a latch tool. Pass hook under next 'bar' and catch following 'bar' with tool, pull through loop on tool to make a stitch. Repeat to top and replace st on to empty N.

pattern 2

MOTIF A (31 sts)



CUFFS

Push 41 Ns to WP. With P side facing, replace 54 sts from lower edge of sleeve on to Ns gathering evenly. Unravel WY. Set RC at 000. Using MT–1 and MY, K 10 rows. Drop every alt st and pick up as for ribbing. Cast off using backstitch method.

NECKBAND

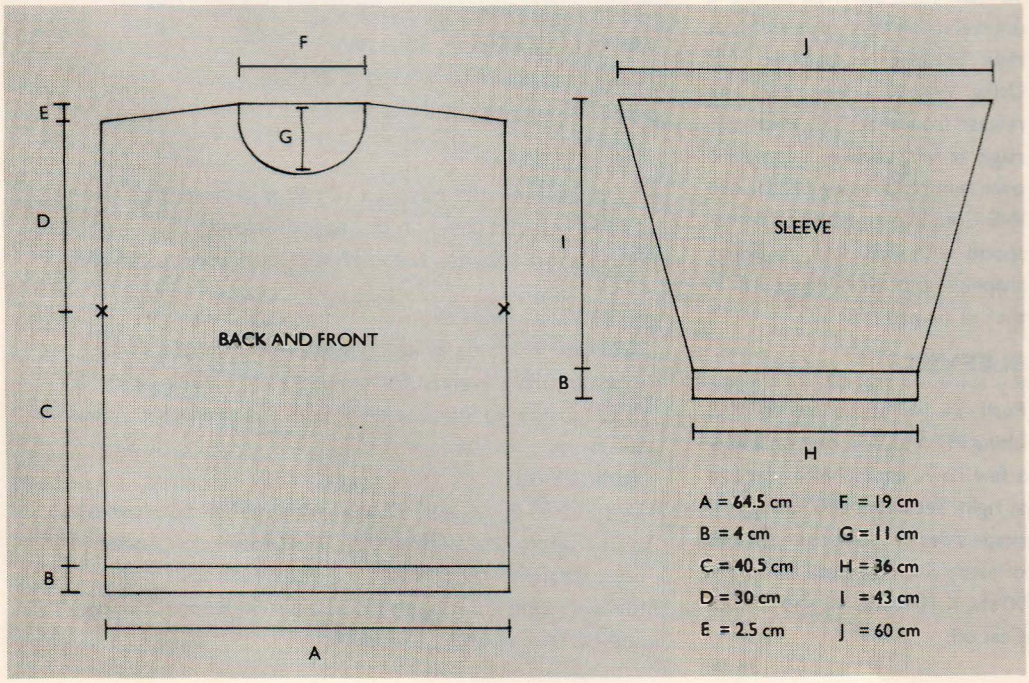
Join right shoulder seam. Push 79 Ns to WP. With P side facing, pick up 29 sts across back neck, 19 sts down right side of front neck, 11 sts across front neck and 20 sts up left side of front neck and place on to Ns. Unravel WY. Set RC at 000. Using MT–1 and MY, K 10 rows. Drop every alt st and pick up as for ribbing. Cast off using backstitch method.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on ball band.

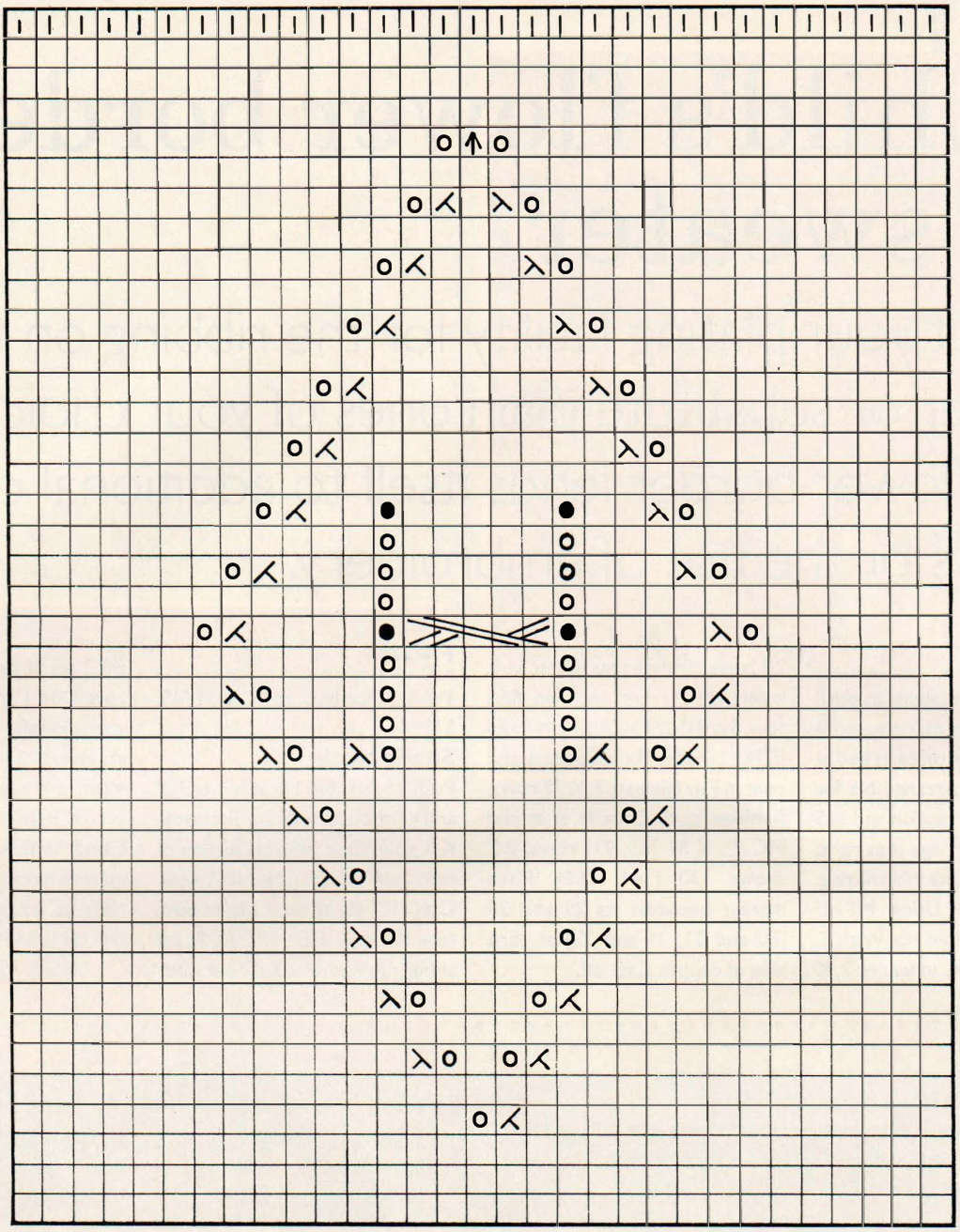
MAKING UP

Join left shoulder and neckband seam. Set in sleeves between markers. Join side and sleeve seams.



▭ = *Make babble thus – set machine to knit only sts in UWP. Carriage at right. Push 3 bobble Ns and all Ns at right of them to UWP. K 1 row to left. Disconnect RC. * Push 3 bobble Ns to UWP. K 1 row. Rep from * 4 times more. Push 3 bobble Ns to UWP and EITHER all Ns to left, OR 3 Ns for next bobble to left and all Ns in between. K 1 row to left (knit next bobble from * if appropriate). When row is complete, reconnect RC and set machine for st st. It may be helpful to hang a claw weight on each bobble before next row.*

MOTIF B (31 sts)



= *transfer st to adjacent N at right. Leave empty N in WP.*

= *Transfer st to adjacent N at left. Leave empty N in WP.*

= *N in WP.*

= *Drop st down and leave empty N in WP.*

= *Cross 2 sts at right in front of 2 sts at left, leaving centre st in position.*

= *Transfer sts at left and right on to centre N. Leave empty Ns in WP.*

= *Using a latch tool, drop and reform sts.*

Child's flower border sweater

Try out your plating facility for the ribbing on this fun sweater or substitute plain ones of your choice. The deep flower border lends itself to additional contrast colours or the use of embroidery.

BACK

With plating yarn feeder in position and carriage at right, push 134 [150, 154] Ns on each bed at centre to WP. * Arrange Ns for 2x2 rib. Using C, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT–2/MT–2, cont in plated rib. With C in feeder 1 and MC in feeder 2, K 20 rows. Transfer sts for st st *. Insert card 1 and lock on first row. Set RC at 000. Using MT and C, K 2 rows. Release card and cont in Fair Isle patt 1. K 77 rows. Remove card. Cont in st st and MC **. K 51 [65, 71] rows. RC shows 130 [144, 150]. Place marker between sts 29 and 30 [30 and 31, 31 and 32] at each side of centre. Cast off.

FRONT

Work as for back to **. K 33 [45, 51] rows.

Shape Neck

Push 76 [84, 86] Ns at left to HP and cont on rem sts for first side. K 1 row. Cast off 5 sts at beg of next and foll alt row, K 1 row. Cast off 3 [4, 4] sts at beg of next row, K 1 row. Cast off 2 [2, 3] sts at beg of next row, K 1 row. Cast off 2 sts at beg of next row, K 1 row. Dec 1 st at beg of next and every foll alt row until 38 [45, 46] sts rem. K 2 [4, 4] rows. Cast off. With carriage at right, push 18 Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP. Finish to corre-

42 ▶

PATTERN RATING

*** For fairly experienced knitters.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber and plating yarn feeder.

If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS

King Cole Anti-Tickle 4-ply.
1 x 500g cone in Aran (MC).
1 x 500g cone in Coral (C).

GARMENT WEIGHT

Finished garment in second size weighs 355g.

The fibre content of this yarn is 100% Wool. For further information about this yarn, please write to the following address:- King Cole Ltd., Merrie Mills, Old Souls Way, Bingley, West Yorkshire BD16 2AX.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is Fine, 4 ply.

MEASUREMENTS

To fit chest 56 [61-66, 71] cm, 22 [24-26, 28] in.
Actual size 82 [92, 95] cm, 32½ [36½, 37½] in.
Length to shoulder 41.5 [45, 46.5] cm, 16½ [18, 18½] in.
Sleeve seam 27.5 [34, 37] cm, 11 [13½, 14½] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

32 stitches and 34 rows to 10 cm, 4 in measured over Fair Isle patterns (tension dial approximately 7 (MT)).
30 stitches and 38 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 7 (MT)).
For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.
Punch cards, as shown, or fill in pattern cards (using punchcard as a guide) before starting to knit.
Knit two colour Fair Isle rows with first colour given in back feeder 1 to knit background and second colour given in front feeder 2 to knit contrast pattern.

Fair Isle Pattern 1

K 11 rows MC/C, 1 row C only in feeder 2 and 65 rows MC/C. These 77 rows form pattern.

Fair Isle Pattern 2

Insert card 2 and lock on first row. Using MC, K 8 [7, 9] rows. * Release card and cont in Fair Isle. K 11 rows MC/C. Lock card on first row. Using MC, K 8 [9, 11] rows st st *. Rep from * to * until there are 4 [5, 5] bands of Fair Isle pattern and finish with 2 rows MC in st st before casting off.

pattern 3

pattern 3

spond with first side, reversing shapings.

SLEEVES

With plating yarn feeder in position and carriage at right, push 58 [70, 70] Ns on each bed at centre to WP. Work as for back from * to *. Set RC at 000. Using MT, cont in Fair Isle patt 2. Shape sides by inc 1 st at each end of every alt row until there are 116 [84, 88] sts, then on every foll 3rd row until there are 128 [140, 148] sts. K 2 rows. RC shows 78 [100, 110]. Cast off.

NECKBAND

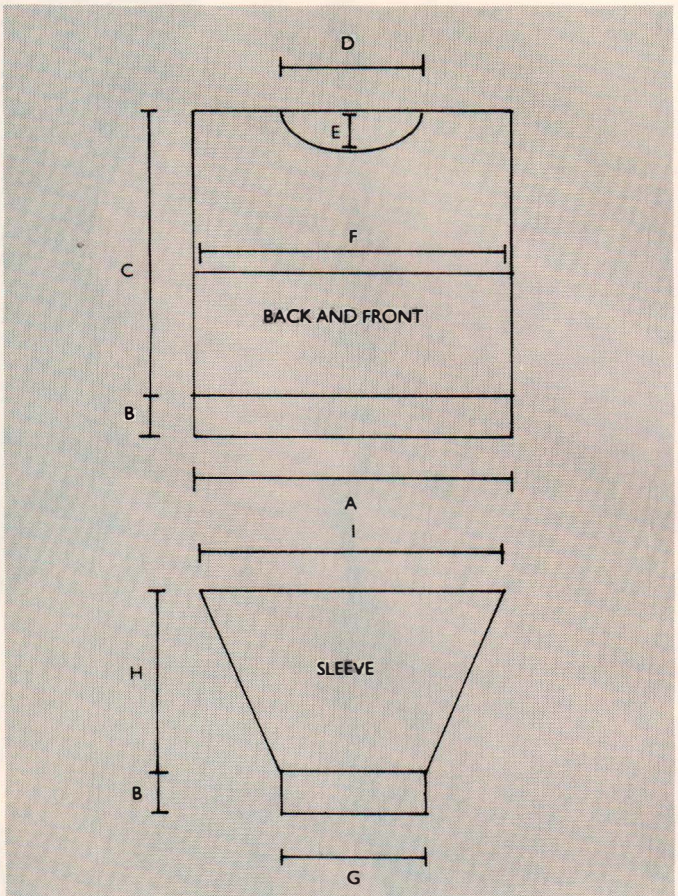
Join right shoulder seam. Push 120 [126, 130] Ns to WP. With K side facing, pick up 120 [126, 130] sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT and C, K 1 row. Transfer sts for 2x2 rib. Using MT–2/MT–2, K 26 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

PRESSING

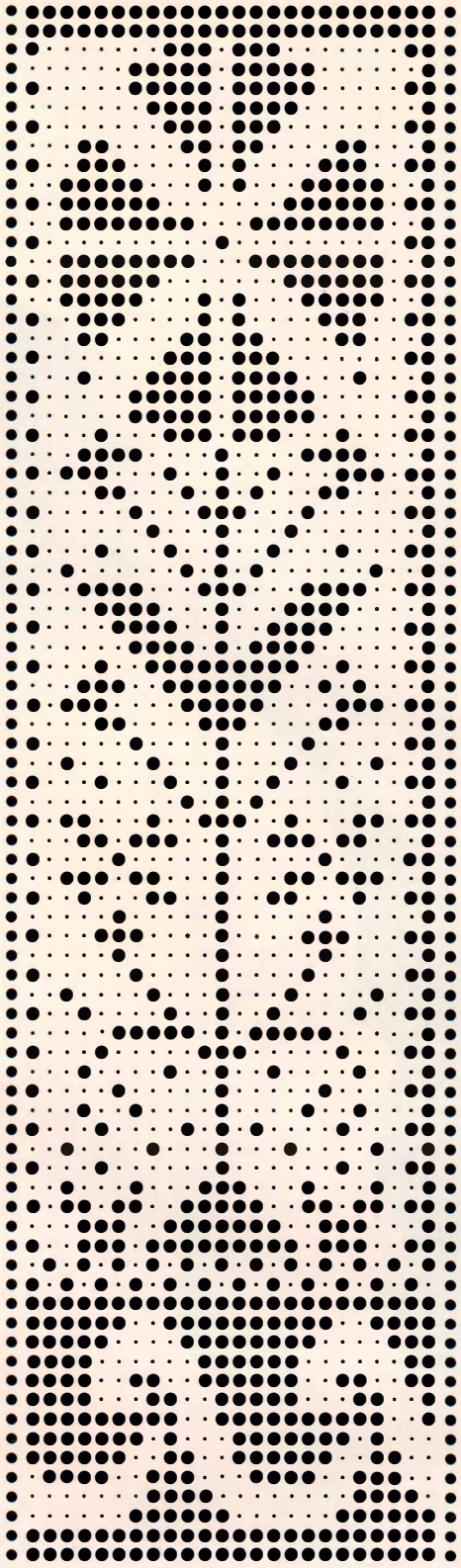
With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

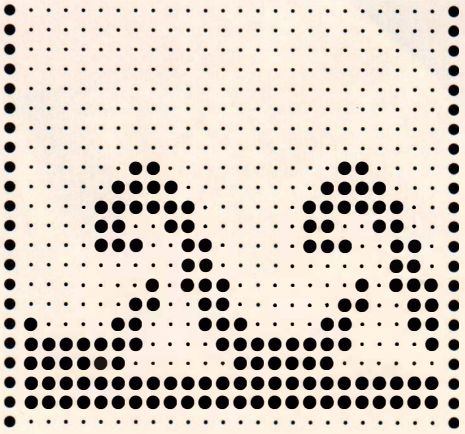
Join left shoulder and neckband seam. Set in sleeves matching centre to shoulder seams. Join side and sleeve seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in C.



A = 41.5 [46.5, 48] cm
B = 5 cm
C = 36.5 [40, 41.5] cm
D = 19 [20, 20.5] cm
E = 4.5 [5, 5] cm
F = 44.5 [50, 51] cm
G = 18 [21.5, 21.5] cm
H = 22.5 [29, 32] cm
I = 40 [43.5, 46] cm



PUNCHCARD 1



PUNCHCARD 2

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Hearts and diamonds

This pure wool sweater shows off simple border patterning above welts and cuffs with contrasting bands of diamonds and a row of hearts. A rolled stocking stitch edging adds a finishing touch at the neck.

BACK

With carriage at right, set machine for 2x2 rib. Push 176 [192] Ns on each bed at centre to WP. * Arrange Ns for 2x2 rib. Using MC, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT–3/MT–3, K 30 rows. Transfer sts for st st *. Insert card and lock on first row. Set RC at 000. Using MT, K 10 rows. Release card and cont in Fair Isle patt. K 60 rows. Remove card. Cont in st st and MC **. K 198 rows. RC shows 268.

Shape Neck and Shoulders

Using a length of MC, cast off centre 62 sts. Push 57 [65] Ns at left to HP and cont on rem sts for first side. * Cast off 14 [16] sts at beg of next row and dec 1 st at beg of next row. Rep from * twice more. Cast off rem 12 [14] sts. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

FRONT

Work as for back to **. K 172 rows. 26 rows less have been worked to shoulder than on back.

Shape Neck

Using a length of MC, cast off centre 24 sts. Push 76 [84] Ns at left to HP and cont on rem sts for first side. K 1 row. Cast off 7 sts at beg of next row, K 1 row. Cast off 5 sts at beg of next row, K 1 row. Cast off 3 sts at beg of next row, K 1 row. Dec 1 st at beg of next and every foll alt row until 54 [62] sts rem. K 6 rows.

Shape Shoulder

Cast off 14 [16] sts at beg of next and foll 2 alt rows, K 1 row. Cast off rem 12 [14] sts. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

46 ▶

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.
If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS
Brockwell Superfine Botany 4-ply.
1 x 600 [650]g cone in Cream (MC).
1 x 100g cone in Blue (A).
1 x 100g cone in Peach (B).

GARMENT WEIGHT
Finished garment in first size weighs 515g.

The fibre content of this yarn is 100% Pure Wool. For further information about this yarn, please write to the following address:- Brockwell Yarns, S. & J. Andrews (WY) Ltd., Stansfield Mill, Triangle, Sowerby Bridge, West Yorkshire HX6 3LZ.

ABBREVIATIONS AND YARN THICKNESS
See information on last page. For thickness, Yarn Guide equivalent is Fine, 4 ply.

MEASUREMENTS
To fit bust 87-92 [97-102] cm, 34-36 [38-40] in.
Actual size 112 [122] cm, 44 [48] in.
Length to shoulder 68.5 cm, 27 in.
Sleeve seam 50.5 cm, 20 in.

Instructions are written for the first size, larger size follows in brackets. If only one figure is given, it applies to both sizes.

TENSION
31 stitches and 43 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 6).
For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.
Punch card, as shown, or fill in pattern card using punchcard as a guide before starting to knit.
Knit two colour Fair Isle rows with first colour given in back feeder 1 to knit background and second colour given in front feeder 2 to knit contrast pattern.

Fair Isle Pattern
K 19 rows MC/A, 4 rows MC only (st st), 14 rows MC/B, 4 rows MC only (st st) and 19 rows MC/A. These 60 rows form pattern.

pattern 4

pattern 4

SLEEVES

With carriage at right, set machine for 2x2 rib. Push 76 Ns on each bed at centre to WP. Work as for back from * to *. Insert card and lock on first row. Set RC at 000. Using MT, shape sides by inc 1 st at each end of next and every foll 4th row until there are 82 sts. K 1 row. RC shows 10. Release card and cont in Fair Isle patt. Cont to inc on every 4th row from previous inc until there are 112 sts, K 1 row. RC shows 70. Remove card. Cont in st st and MC. Cont to inc on every 4th row from previous inc until there are 116 sts, then on every foll 5th row until there are 160 sts. K 3 rows. RC shows 190. Cast off.

NECKBAND

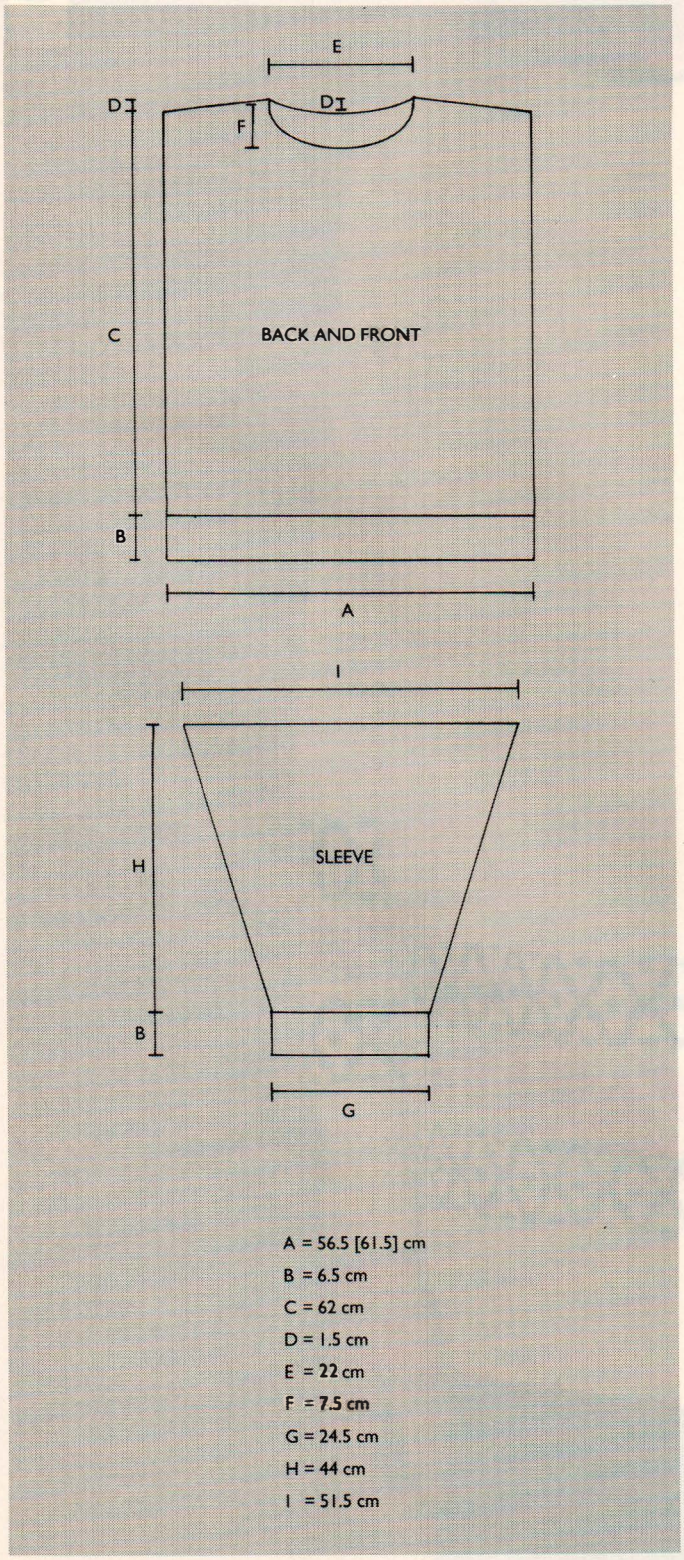
Push 190 Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Push Ns to HP. Using B, cast on by hand. Push Ns to UWP. Set RC at 000. Using MT, K 16 rows. Transfer sts for 2x2 rib. Using MT–3/MT–3 and A, K 8 rows. Using MC, K 8 rows. Transfer sts for st st. Using MT, K 2 rows. Using WY, K a few rows and release from machine.

PRESSING

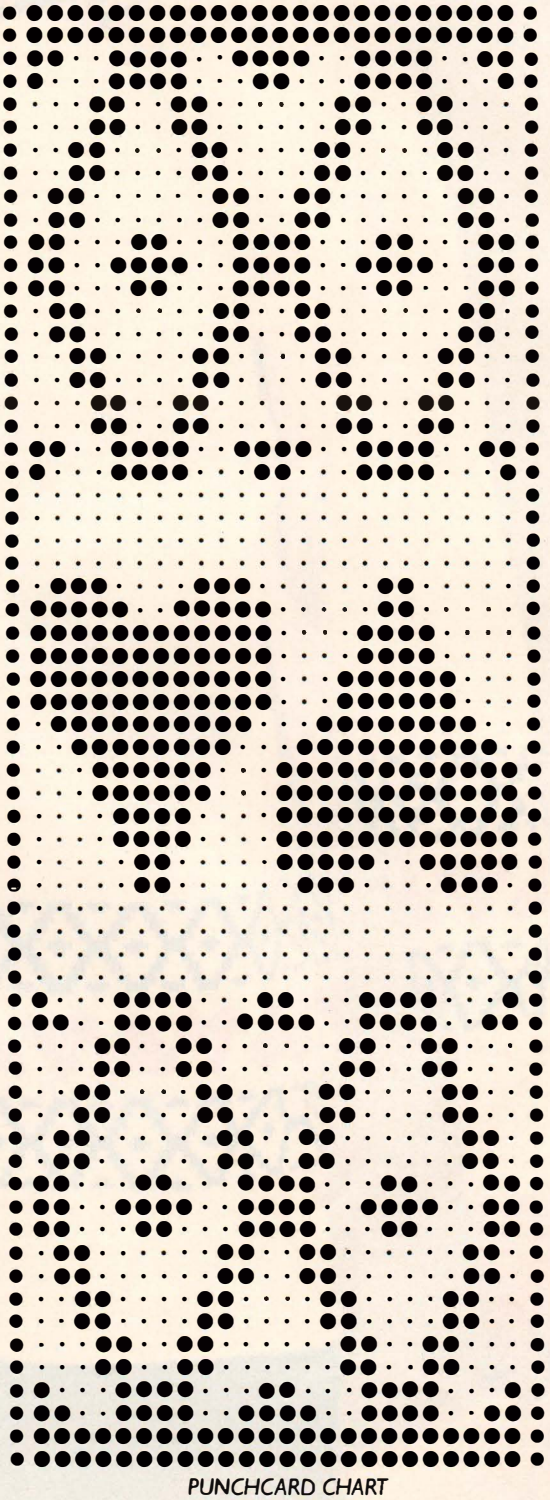
With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

Join shoulder seams. Set in sleeves matching centre to shoulder seams. Join side, sleeve and neckband seams. Pin neckband into position. Unravelling WY as required, backstitch through open loops of last row worked in MC.



A = 56.5 [61.5] cm
B = 6.5 cm
C = 62 cm
D = 1.5 cm
E = 22 cm
F = 7.5 cm
G = 24.5 cm
H = 44 cm
I = 51.5 cm



PUNCHCARD CHART

Man's Fair Isle sweater

Here is a sweater which is both smart and casual. The all-over geometric design is worked in bands of two colourways, separated by bold border stripes.

BACK

With carriage at right and using C, cast on 170 [194] sts at centre in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–6/MT–6, K 1 row. Using MC, K 35 rows. Transfer sts for st st *. Set RC at 000. Using MT, K 1 row. Insert punch-card and lock on first row. Set carriage for patt. K 1 row. Release card and cont in Fair Isle patt **. K 246 [254] rows.

Shape Neck

Note patt row on card. Using nylon cord, K 100 [112] sts at left by hand taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Cast off 7 sts at beg of next and foll alt row. 56 [68] sts. K 4 rows. Cast off. With carriage at right, unravel nylon cord over 30 Ns at right, bringing Ns back to WP. Using WY, K a few rows in st st and release from machine. With carriage at right, unravel nylon cord over rem Ns bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

FRONT

Work as for back to **. K 218 [226] rows.

Shape Neck

Note patt row on card. Using nylon cord, K 95 [107] sts at left by hand taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Cast off 4 sts at beg of next and foll alt row, K 1 row. Dec 1 st at beg of next and every foll alt row until 56 [68] sts rem. K 10 rows. Cast off. With carriage at right, unravel nylon cord over 20 Ns at right bringing Ns back to WP. Using WY, K a few rows in st st and release from machine. With carriage at right, unravel nylon cord over rem Ns bringing

49 ▶

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge punchcard machines with a ribber.
If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS
Robin New World 4-ply.
7 [8] x 50g balls in Beige (MC).
3 [4] x 50g balls in Slate (A).
3 x 50g balls in Cream (B).
2 x 50g balls in Navy (C).

GARMENT WEIGHT
Finished garment in first size weighs 525g.

The fibre content of this yarn is 75% Acrylic, 25% Wool. For further information about this yarn, please write to the following address:- Robert Glew & Co. Ltd., Leeds Road, Greengates, Bradford BD10 9TE.

ABBREVIATIONS AND YARN THICKNESS
See information on last page. For thickness, Yarn Guide equivalent is Medium, 4 ply.

MEASUREMENTS
To fit chest 97-102 [107-112] cm, 38-40 [42-44] in.
Actual size 108 [124] cm, 42½ [49] in.
Length to shoulder 71 [73] cm, 28 [29] in.
Sleeve seam 55 cm, 21½ in.

Instructions are written for the first size, larger size follows in brackets. If only one figure is given, it applies to both sizes.

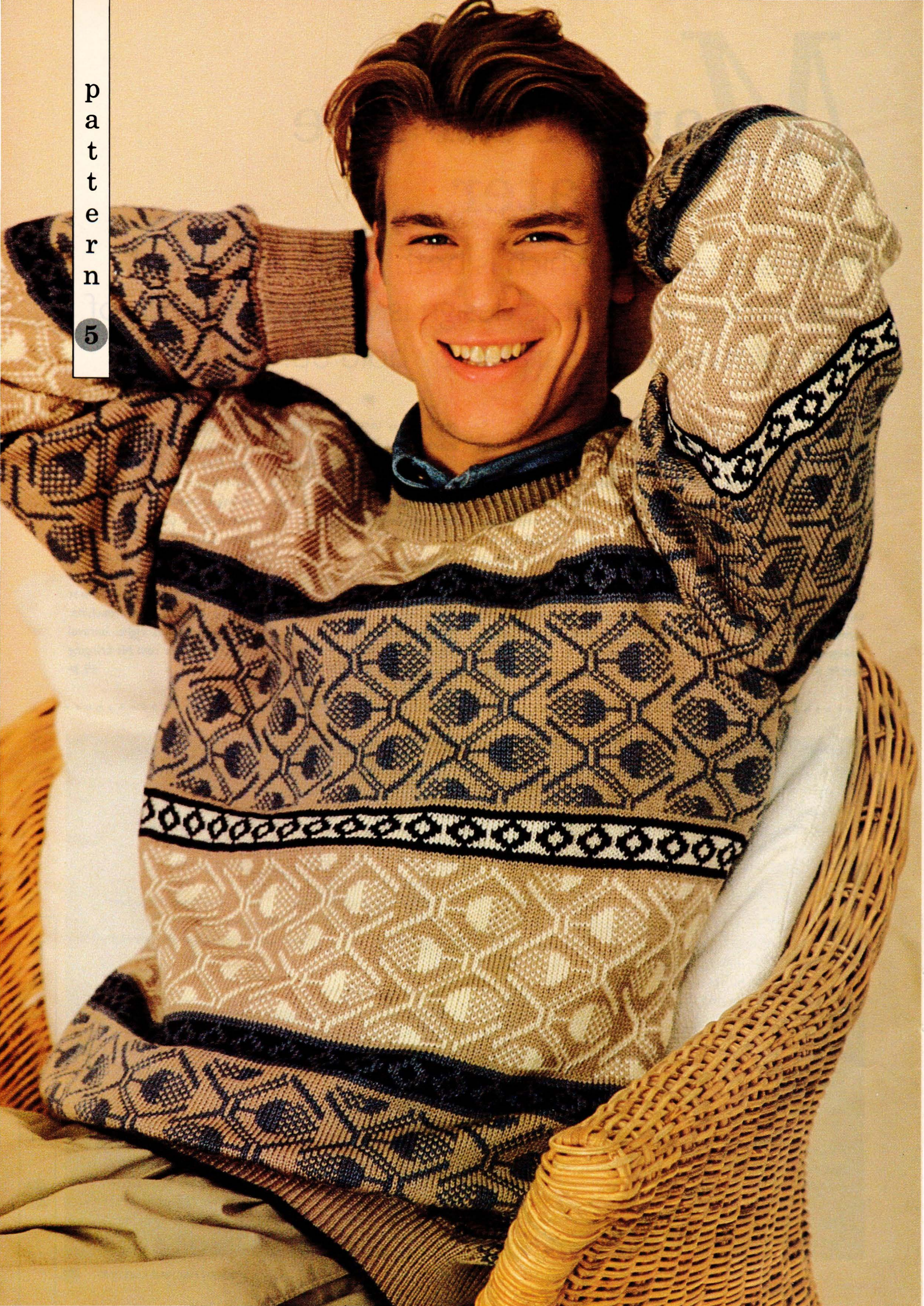
TENSION
31 stitches and 40 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial approximately 7).
For perfect results, please check your tension carefully.

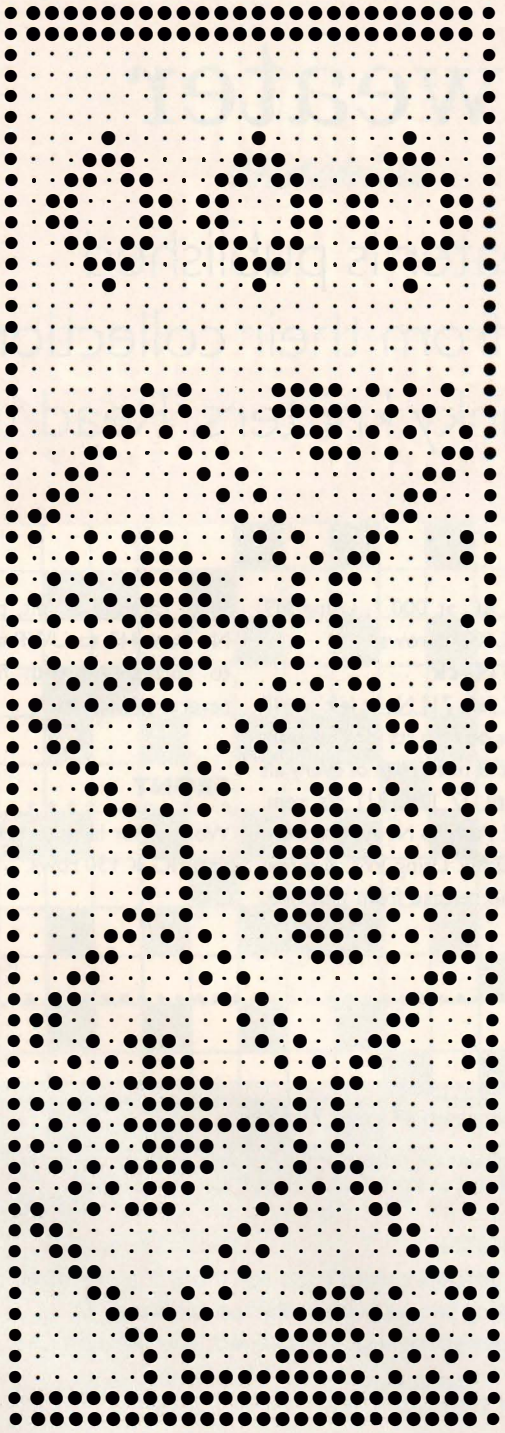
KNITTING NOTES
We used knit side of knitting as right side of garment.
Punch card, as shown, before starting to knit.
Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern.

Fair Isle Pattern
* K 48 rows MC/A, 2 rows MC only (st st), 2 rows A only (st st), 8 rows C/A, 2 rows A only in feeder 1/A (st st), 2 rows MC only (st st), 48 rows MC/B, 2 rows MC only (st st), 2 rows C only (st st) *, 8 rows B/C, 2 rows C only in feeder 1/A (st st) and 2 rows MC only (st st). Rep from * to *. K 8 rows A/C, 2 rows C only in feeder 1/A (st st) and 0 [8] rows in MC/A.

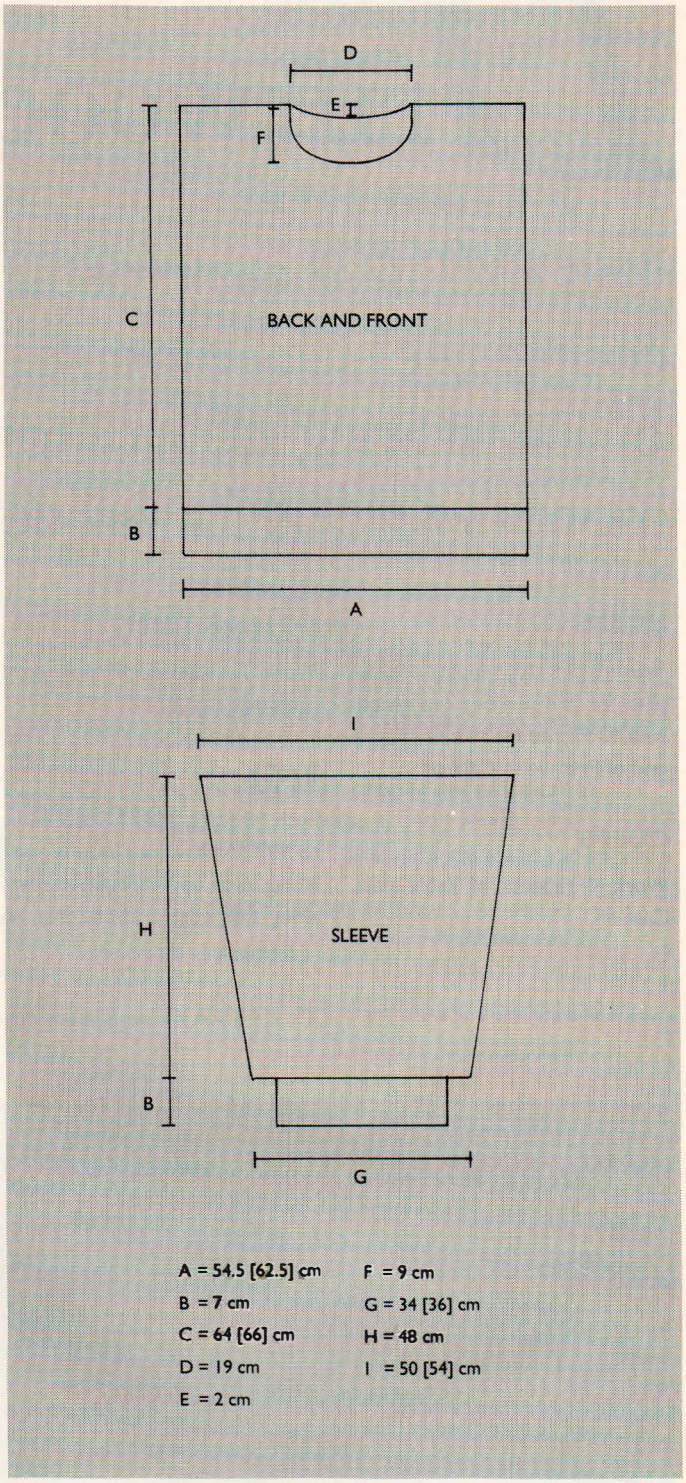
pattern 5

pattern 5





PUNCHCARD CHART



A = 54.5 [62.5] cm
B = 7 cm
C = 64 [66] cm
D = 19 cm
E = 2 cm
F = 9 cm
G = 34 [36] cm
H = 48 cm
I = 50 [54] cm

Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

SLEEVES

Push 106 [112] Ns at centre to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MC, K 1 row. Insert punchcard and lock on first row. Set carriage for patt. K 1 row. Release card and cont in Fair Isle patt. K 4 rows. Shape sides by inc 1 st at each end of next and every foll 7th [6th] row until there are 156 [168] sts. K 17 [23] rows. RC shows 192. Cast off.

CUFFS

With carriage at right and using C, cast on 80 [84] sts in 1x1 rib. Work as for back from * to *. With P side facing, replace 106 [112] sts from lower edge of sleeve on to Ns gathering evenly. Using MT+3, K 1 row. Cast off.

NECKBAND

Join right shoulder seam. Push 178 Ns to WP. With K side facing, pick up 104 sts around front neck edge and 74 sts around back neck edge and place on to Ns. Using MT and MC, K 1 row. Transfer sts for 1x1 rib. Using MT–6/MT–6, K 15 rows. Using C, K 4 rows. Using MC, K 15 rows. Transfer sts for st st. K 1 row. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on ball band.

MAKING UP

Join left shoulder and neckband seam. Fold neckband in half to outside and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC. Set in sleeves matching centre to shoulder seams. Join side and sleeve seams.

Driftwood sweater

This exclusive cable detail sweater is published courtesy of City Modules Ltd from their collection of 'Earth Song' designs for chunky knitters. Read this month's *Knitline* for full details.

WELTS

Work 9 [9.5, 10] repeats of cable patt (for 2nd size beg 2nd welt at row 9 of patt to match up with end of first welt). Cast off.

CUFFS

Work 4 repeats of cable patt. Cast off.

COLLAR TRIM

Work 12 repeats of cable patt. Cast off.

BACK

Push 98 [102, 106] Ns at centre to WP. With wrong side of welt facing, pick up 98 [102, 106] sts along side edge and place on to Ns. Set RC at 000 *. Using MT and MC, K 146 rows.

Shape Neck

Push 67 [69, 71] Ns at left to HP and cont on rem sts for first side. Dec 1 st at neck edge of every alt row until 27 [29, 31] sts rem. Cast off. Push 36 Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP and finish to correspond with first side, reversing shapings.

FRONT

Work as for back to *. Using MT and MC, K 130 rows.

52 ▶

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for chunky machines.

MATERIALS

Rowan Lightweight DK.
2 x 500g cones in Silver Beige (MC).
Rowan Magpie Aran.
2 x 100g hanks in Parchment (C).
Pair 5½ mm knitting needles.
Cable needle.

GARMENT WEIGHT

Finished garment in second size weighs 985g.

The fibre content of these yarns is 100% Wool. For further information about these yarns, please write to the following address:- Rowan Yarns, Green Lane Mill, Washpit, Holmfirth, West Yorkshire HD7 1RW.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is Lightweight DK: Fine, DK; Magpie Aran: Medium, Aran.

MEASUREMENTS

To fit bust 87 [92, 97] cm, 34 [36, 38] in.
Actual size 116 [121, 126] cm, 45½ [47½, 49½] in.
Length to shoulder 73.5 cm, 29 in.
Sleeve seam 44 cm, 17½ in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

16.5 stitches and 23 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 6).
For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.
Use two strands of MC together throughout.

Cable Pattern

Using 5½ mm needles and C, cast on 18 sts.
Rows 1, 3 and 5 (right side): K 3, (P 1, K 1) 3 times, P 6, K 3.
Rows 2, 4 and 6: P 1, K 8, (P 1, K 1) 3 times, K 2, P 1.
Row 7: K 3, slip next 7 sts on to cable needle and hold at back, P 5, then (P 1, K 1) 3 times, P 1 (the 7 sts from cable needle), K 3.
Rows 8, 10, 12 and 14: P 1, K 3 (P 1, K 1) 3 times, K 7, P 1.
Rows 9, 11 and 13: K 3, P 6 (K 1, P 1) 3 times, K 3.
Row 15: K 3, slip next 5 sts on to cable needle and hold at back, (P 1, K 1) 3 times, P 1, then P 5 sts from cable needle, K 3.
Row 16: Repeat row 2.
These 16 rows form pattern.

pattern 6

pattern 6

◀ 50

Shape Neck

Push 61 [63, 65] Ns at left to HP and cont on rem sts for first side. Dec 1 st at neck edge of every alt row until 27 [29, 31] sts rem. K 4 rows. Cast off. Push 24 Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP and finish to correspond with first side, reversing shapings.

SLEEVES

Push 42 Ns at centre to WP. With wrong side of cuff facing, pick up 42 sts along side edge and place on to Ns. Set RC at 000. Using MT and MC, shape sides by inc 1 st (2 sts in) at each end of every 3rd row until there are 94 sts. K 8 rows. RC shows 86. Cast off.

COLLAR

Join right shoulder seam. With K side facing and using 5½ mm needles, join in MC and pick up and K 20 sts down left side of front neck, 24 sts across front neck, 20 sts up right side of front neck, 7 sts down right side of back neck, 36 sts across back neck and 7 sts up left side of back neck. 114 sts.

1st Rib Row (wrong side): P 2, * K 2, P 2. Rep from * to end.

2nd Rib Row: K 2, * P 2, K 2, rep from * to end.

Rep these 2 rows 8 times more, then 1st row.

Dec Row: K 2, * P 2 tog, K 2, rep from * to end.

21st Row: P 2, * K 1, P 2, rep from * to end.

22nd Row: K 2, * P 1, K 2, rep from * to end.

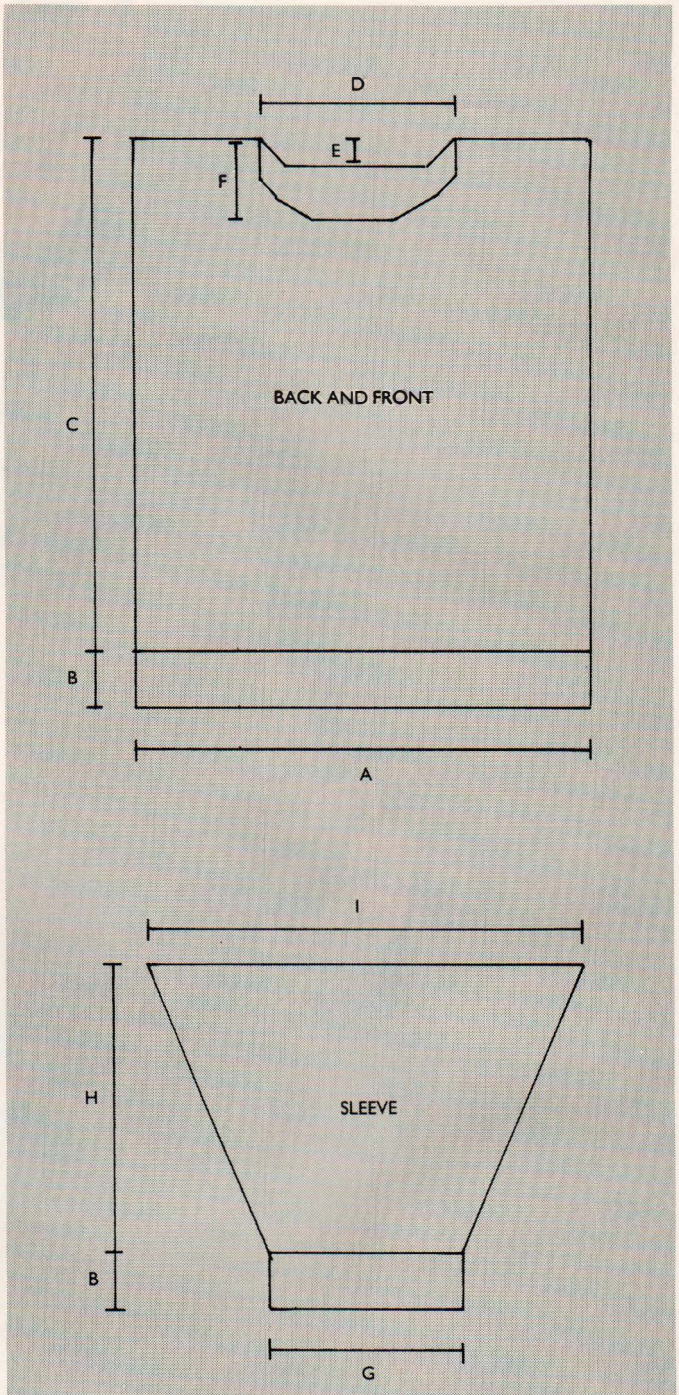
Rep last 2 rows 4 times more, then 21st row. Cast off loosely in rib.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Join ends of collar trim. Pin into a curve, stretching outer edge and gathering inner edge. Press carefully following instructions on cone band.

MAKING UP

Join left shoulder and collar seam. Fold collar along dec row to inside and catch down. Slip st collar trim along both edges with inner edge at beg of collar and seam at centre back. Set in sleeves matching centre to shoulder seams. Join side and sleeve seams.



A = 59 [61.5, 64] cm
B = 7 cm
C = 66.5 cm
D = 26.5 cm
E = 3.5 cm
F = 10.5 cm
G = 25 cm
H = 37 cm
I = 56.5 cm

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Diamond design sweater

Repeating Fair Isle diamonds make a great pattern for menswear. This is a casual style with round neckline and optional ribbed collar.

BACK

With carriage at right, push 164 [173, 179, 188, 197] Ns on each bed at centre to WP with extra N at left on 2nd, 3rd and 5th sizes. * Arrange Ns for 2x2 rib (2x1 N arrangement). Using MC, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT–4/MT–4, K 30 rows. Transfer sts for st st *.

1st and 4th Sizes

Inc 1 st at left edge.

3rd Size

Inc 1 st at each end.

All Sizes

165 [173, 181, 189, 197] sts. Insert card and lock on first row. Set RC at 000. Using MT, K 2 rows. Release card and cont in Fair Isle with MC in feeder 1 and C in feeder 2 **. K 206 [206, 210, 210, 214] rows. RC shows 208 [208, 212, 212, 216]. Push 57 [61, 65, 69, 73] Ns at left and right to HP. Using WY, K a few rows in st st over centre 51 Ns and release from machine. Push 57 [61, 65, 69, 73] Ns at right from HP to UWP. Using WY, K a few rows and release from machine. Push 57 [61, 65, 69, 73] Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

FRONT

Work as for back to **. K 176 [176, 180, 180, 184] rows. 30 rows less have been worked to shoulder than on back.

Shape Neck

Note patt row on card. Using nylon cord, K 98 [102, 106, 110, 114] sts at left by hand taking Ns down to NWP. Cont on rem sts for first side. Dec 1 st at neck edge of every alt row until 57 [61, 65, 69, 73] sts rem. K 10 rows. Using WY, K a few rows in st st and release from machine. With carriage at right, unravel nylon cord over 31 Ns at right bringing Ns back to WP. Using WY, K a few rows and release from machine. With carriage at right, unravel nylon cord over rem Ns bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

54 ▶

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS

Yeoman Sport.

1 [1, 1, 1, 2] x 500g cones in Birch (MC).

1 x 500g cone in Damask (C).

GARMENT WEIGHT

Finished garment in fourth size weighs 680g.

The fibre content of this yarn is 100% Pure Botany Wool. For further information about this yarn, please write to the following address:- Yeoman Yarns, 36 Churchill Way, Fleckney, Leicestershire LE8 0UD.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is Fine, 4 ply.

MEASUREMENTS

To fit chest 92 [97, 102, 107, 112] cm, 36 [38, 40, 42, 44] in.

Actual size 105 [110, 115, 120, 126] cm, 41 1/2 [43 1/2, 45 1/2, 47 1/2, 49 1/2] in.

Length to shoulder 67.5 [67.5, 68.5, 68.5, 70] cm, 26 1/2 [26 1/2, 27, 27, 27 1/2] in.

Sleeve seam 49.5 [49.5, 50.5, 50.5, 52] cm, 19 1/2 [19 1/2, 20, 20, 20 1/2] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

31 stitches and 34 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial approximately 8).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.

Punch card, as shown, or fill in pattern card, using punchcard as a guide before starting to knit.

Electronic Machines

Place needle 1 cam between Ns 12 and 13 at left of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK 840 machines, right light on for other models).

pattern 7

SLEEVES

With carriage at right, push 80 [80, 86, 86, 92] Ns on each bed at centre to WP. Work as for back from * to *. Inc 1 st at left edge. 81 [81, 87, 87, 93] sts. Insert card and lock on first row. Set RC at 000. Using MT, K 2 rows. Release card and cont in Fair Isle with MC in feeder 1 and C in feeder 2. Shape sides by inc 1 st at each end of every 3rd row until there are 161 [161, 167, 167, 173] sts. K 25 [25, 29, 29, 33] rows. RC shows 147 [147, 151, 151, 155]. Cast off.

TO JOIN RIGHT SHOULDER

Push 57 [61, 65, 69, 73] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT and MC, K 1 row. Cast off.

NECKBAND

Push 160 Ns to WP. With K side facing, pick up 160 sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT and MC, K 1 row. Transfer sts for 1x1 rib. Using MT–4/MT–4, K 40 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

TO JOIN LEFT SHOULDER

Work as for right shoulder reading left for right.

COLLAR

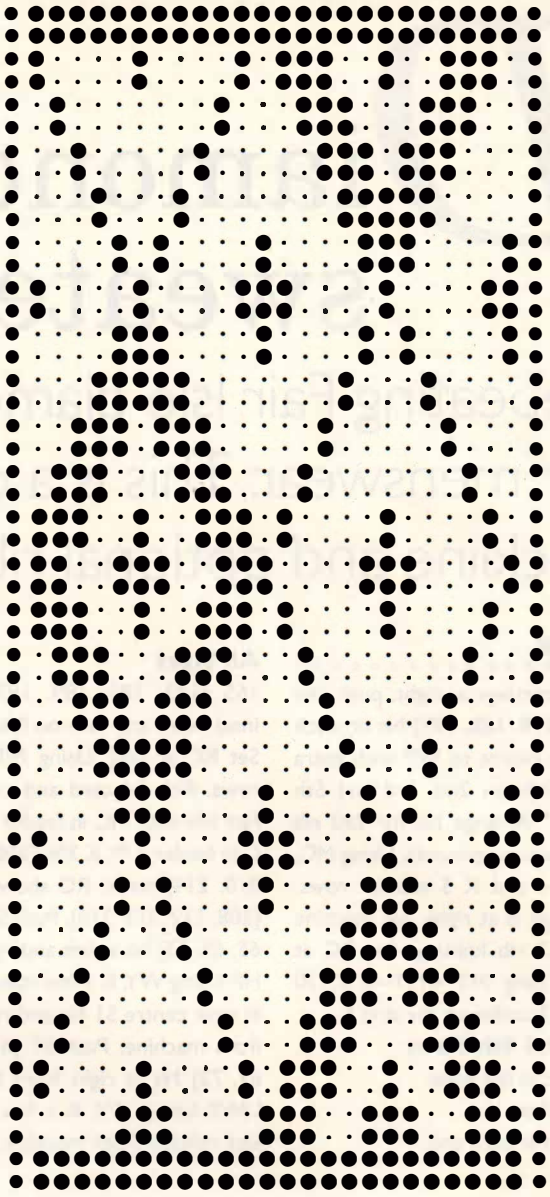
With carriage at right, push 170 Ns on each bed to WP. Arrange Ns for 2x2 rib (2x1 N arrangement). Using MC, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT–4/MT–4, K 70 rows. Transfer sts to back bed. Cast off.

PRESSING

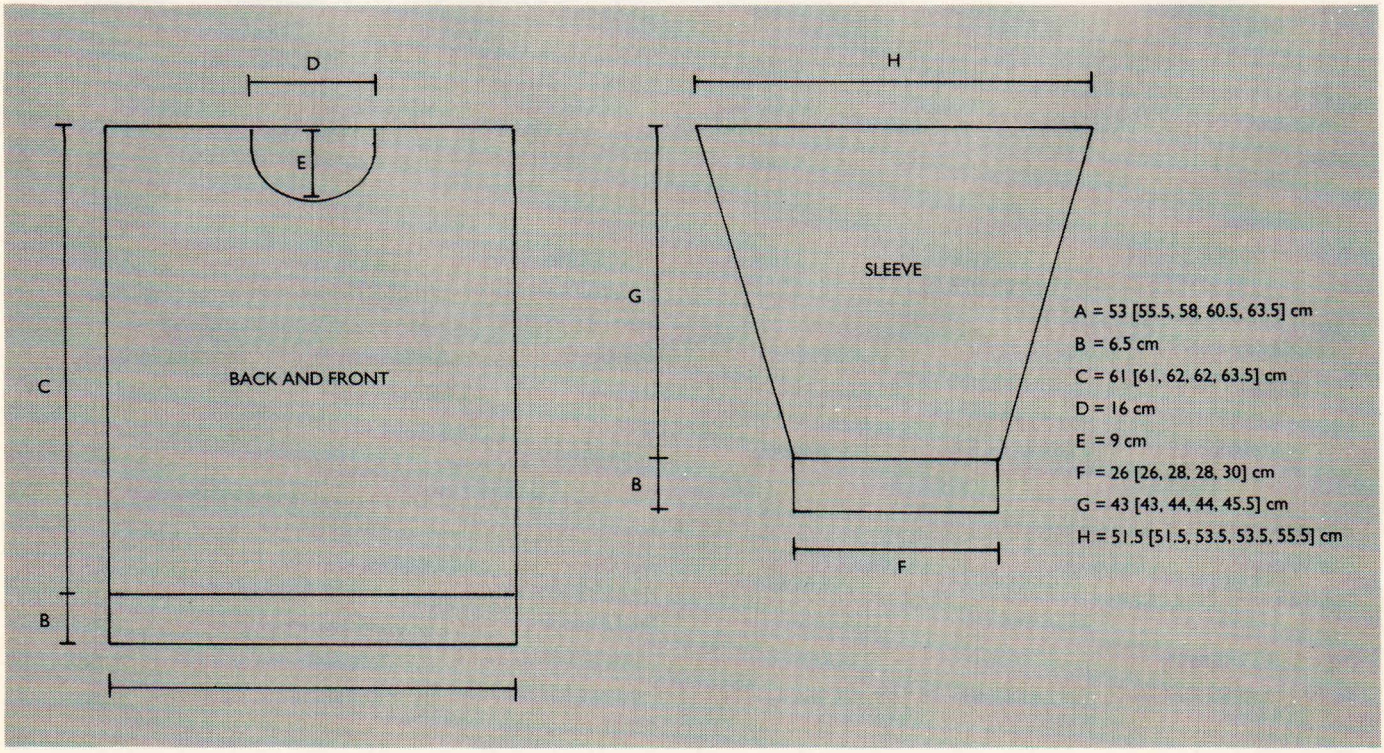
With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

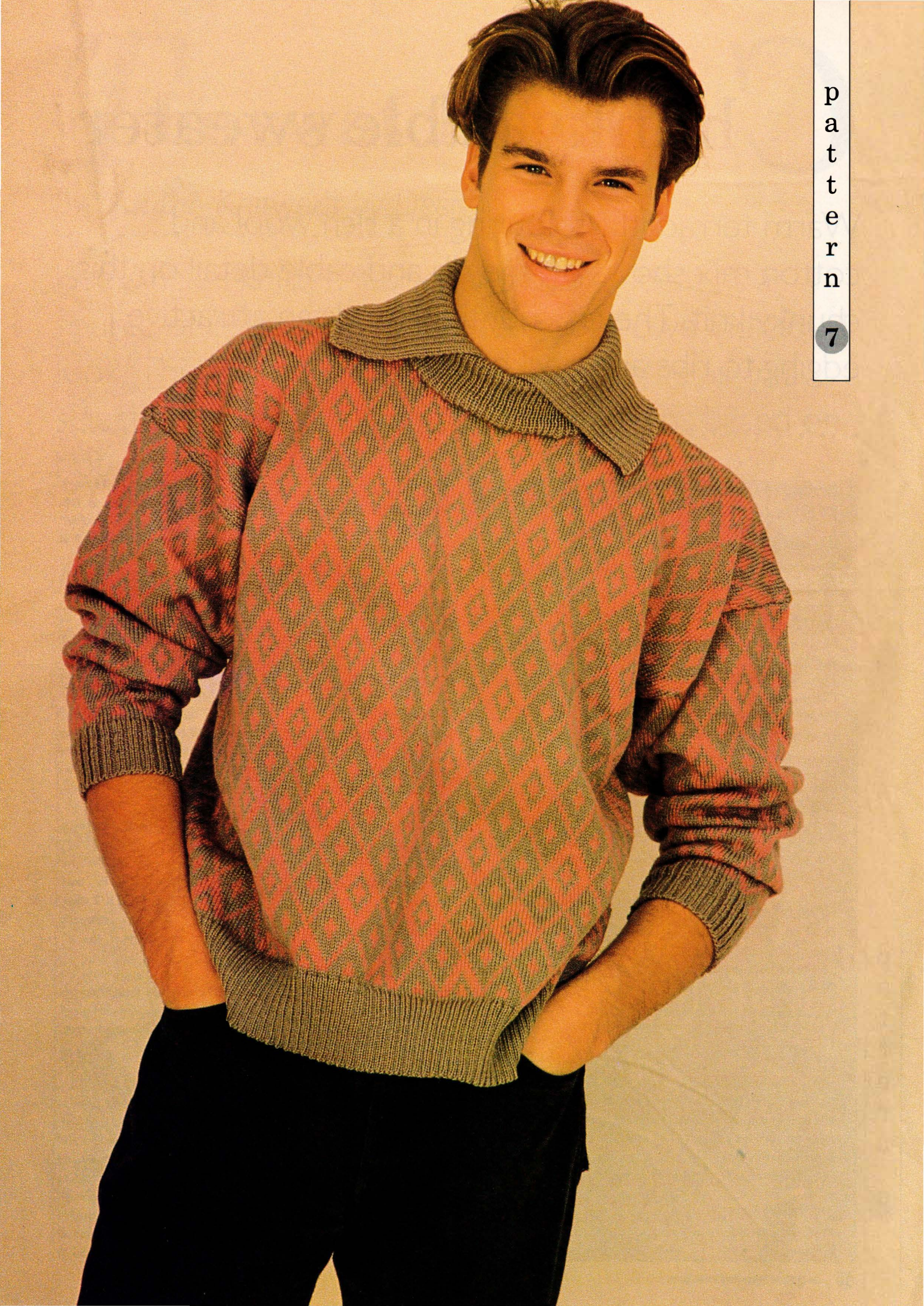
MAKING UP

Set in sleeves matching centre to shoulder seam. Join side, sleeve and neckband seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC. Sew collar to inside of neckband with ends at centre front. Join centre front seam for approx 2.5 cm, 1 in.



PUNCHCARD CHART





pattern 7

Chunky cable sweater

Warm terracotta colouring in a rich wool and cotton mix shows off the rib and cable detail on this chunky knit. The crochet finish adds an attractive edging to ribs and neckband.

pattern 8

PATTERN RATING
*** For fairly experienced knitters.

MACHINES
This pattern is suitable for chunky machines with a ribber.

MATERIALS
Brockwell Botany and Mercerised Cotton Mix (4+2 ends).
1 x 650 [700]g cone in Coral+Peach Mix:2 (MY).
Crochet hook.

GARMENT WEIGHT
Finished garment in second size weighs 585g.

The fibre content of this yarn is 100% Wool/Mercerised Cotton Mix. For further information about this yarn, please write to the following address:- Brockwell Yarns, S. & J. Andrews (WY) Ltd., Stansfield Mill, Triangle, Sowerby Bridge, West Yorkshire HX6 3LZ.

ABBREVIATIONS AND YARN THICKNESS
See information on last page. For thickness, Yarn Guide equivalent is Fine, Aran.

MEASUREMENTS
To fit bust 76-82 [87-92] cm, 30-32 [34-36] in.
Actual size 111 [120] cm, 44 [47 1/2] in.
Length to shoulder 70 cm, 27 1/2 in.
Sleeve seam 46 cm, 18 in.

Instructions are written for the first size, larger size follows in brackets. If only one figure is given, it applies to both sizes.

TENSION
18 stitches and 26 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 1).
18 stitches and 26 rows to 10 cm, 4 in measured over cable pattern on MT–2/MT–1 (tension dial approximately R/0).
For perfect results, please check your tension carefully.

KNITTING NOTES
We used purl side of stocking stitch as right side of garment.

BACK

With carriage at right, push 102 [110] Ns on each bed at centre to WP for double rib. * Using MY, cast on and K 3 tubular rows. Carriage is at right. Set half pitch lever to P. Transfer sts for 3x3 rib. Set carriage for 3x3 rib knitting. Set RC at 000. Using MT–2/MT–2, K 12 rows **. Transfer sts for st st *. Set RC at 000. Using MT, K 166 rows.

Shape Neck

Using a length of MY, cast off centre 38 sts. Push 32 [36] Ns at left to HP and cont on rem sts for first side. K 1 row. Dec 1 st at beg of next and foll alt row. K 2 rows. Cast off rem 30 [34] sts. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

FRONT

Work as for back to **. Set half pitch lever to H. Transfer sts as shown on N diagram. Set RC at 000. Using MT–2/MT–1, cont in cable patt from chart. K 144 rows.

Shape Neck

Transfer centre 16 sts from front bed to back bed. Using a length of MY, cast off centre 16 sts. Push 43 [47] Ns at left to HP and cont on rem sts for first side. K 1 row. Cast off 5 sts at beg of next row, K 1 row. Cast off 3 sts at beg of next row, K 1 row. Dec 1 st at beg of next and every foll alt row until 30 [34] sts rem. K 14 rows. Cast off. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

SLEEVES

With carriage at right, push 54 Ns on each bed at centre to WP for double rib. Work as for back from * to *. Set RC at 000. Using MT, shape sides by inc 1 st at each end of next and every foll 4th row until there are 64 sts, then on every foll 5th row until there are 100 sts. K 3 rows. RC shows 110. Cast off.

NECKBAND

With carriage at right, push 110 Ns on each bed to WP for double rib. Work as for back from * to *. Using MT, K 2 rows. Using WY, K a few rows and release from machine.

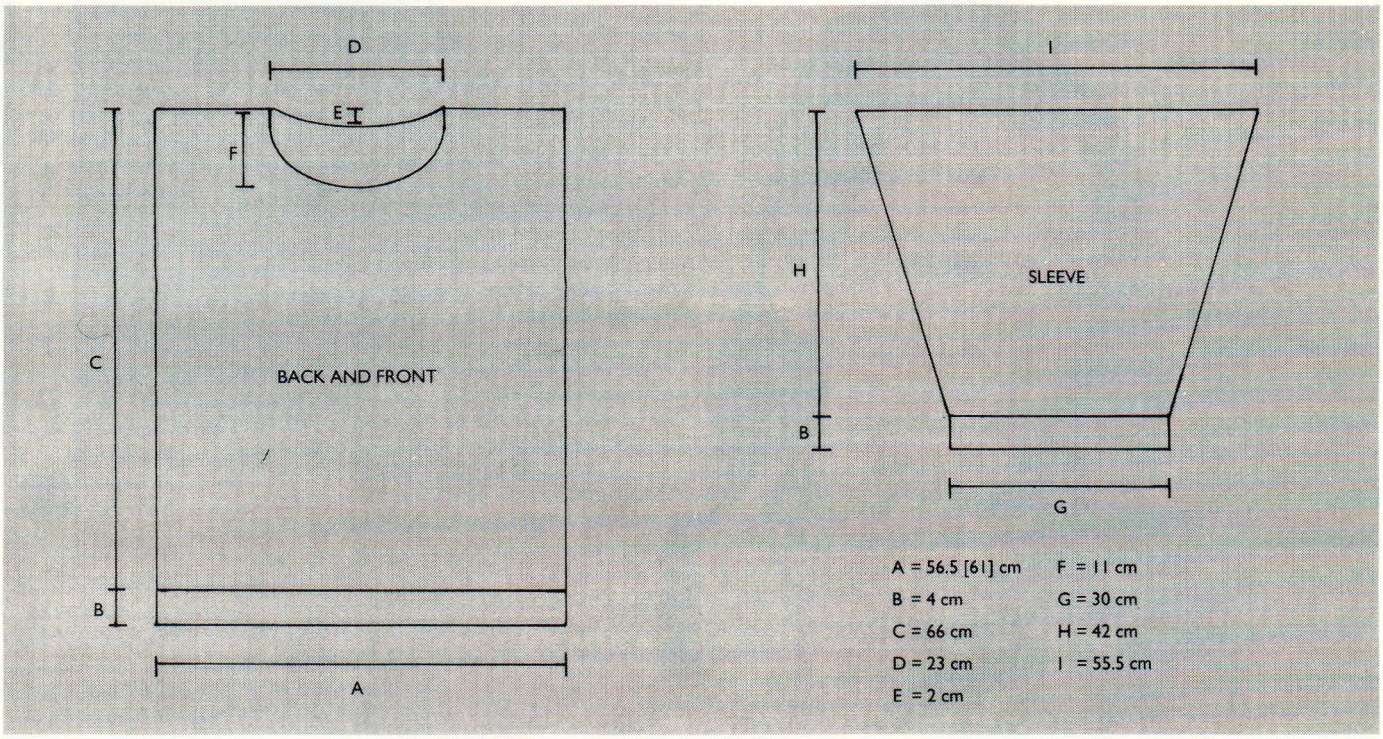
PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

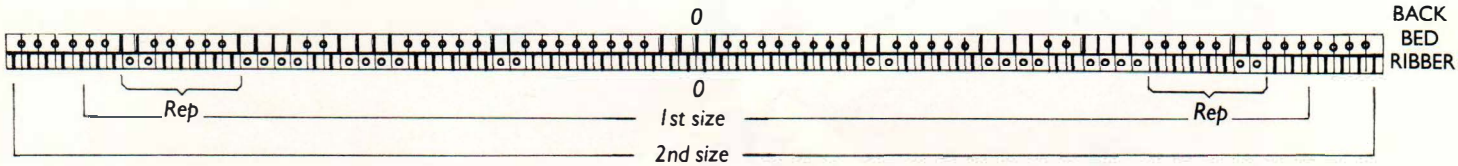
MAKING UP

Join shoulder seams. Set in sleeves matching centre to shoulder seam. Join side, sleeve and neckband seam. Pin neckband into position. Unravelling WY as required, backstitch through open loops of last row worked in MY. Work 1 row of dc around all cast-on edges of ribs. 58 ▶

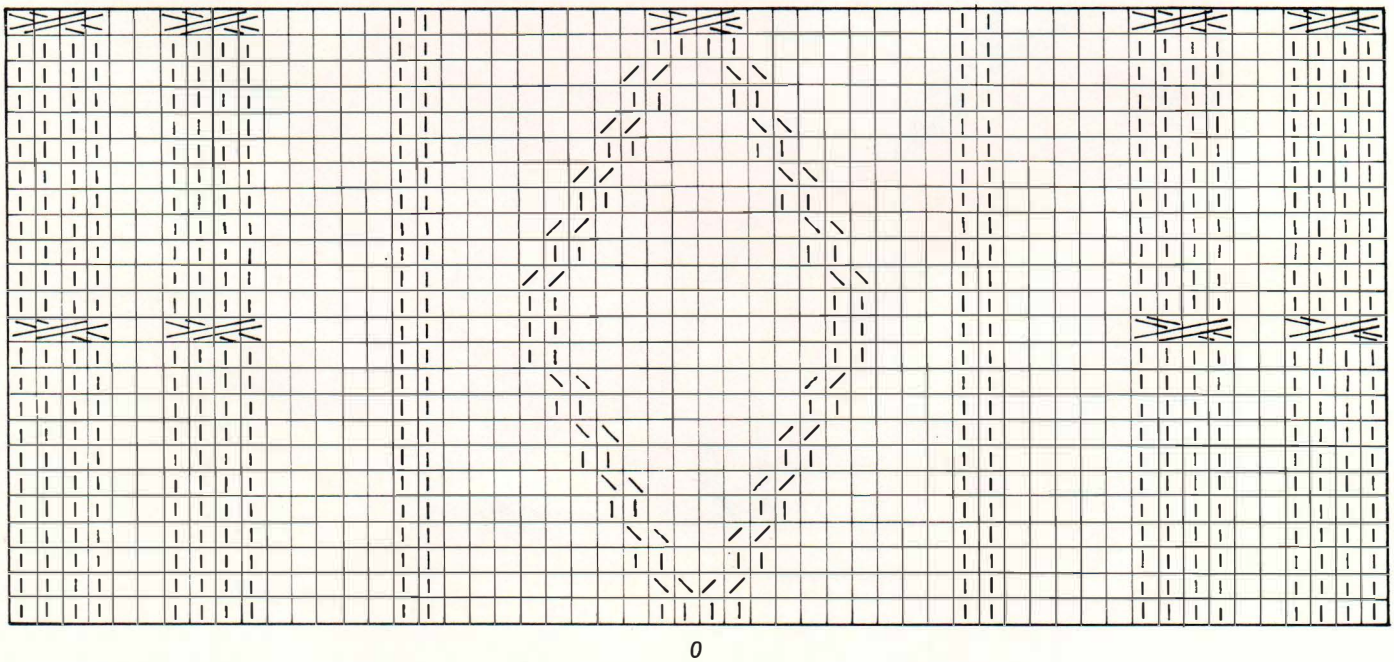
pattern 8



NEEDLE DIAGRAM



CABLE CHART



KEY

= *N on back bed*

= *Transfer st to adjacent N on back bed*

= *Cross 2 sts at left in front of 2 st at right*

= *N in NWP on back bed*

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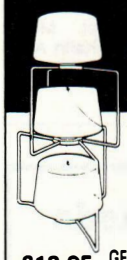

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BROTHER 910 Electronic with lace carriage and full instructions etc., £150 ono. Tel: 02357 66803 (Wantage).

TOYOTA Knit Radar, never used, £60; K65 transfer carriage, offers; Toyota K501 ribber, £200. Will sell separately. Tel: 0865 874367 (Oxford).

PASSAP Duomatic 80 double bed 2 colour changer, Deco, instruction books, punch, punchcards, table, lamp, Forma, weaver books, yarn, £250 or near offer. Tel: 0622 754250 (Maidstone).

SINGER Designer 2 chunky machine plus video, ribber, pattern device, some patterns, £160; Brother KA8300 transfer carriage with instructions, £40. Tel: 061-723 4992 (Radcliffe).

BROTHER KH881 with Knitleader, spare charts, lace carriage, intarsia carriage, excellent condition, £220 ono. Tel: 0959 522813 (Sevenoaks).

BROTHER KH836 punchcards, table, almost new, excellent condition, £160 ono. Tel: 0480 218648 (St Neots, Cambs).

KNITMASTER 550 Electronic knitting machine, lace carriage, SRP50 ribber, KR7 Knit Radar, £450. Tel: 0706 826261 (Ramsbottom).

KNIT RADAR KR6, instruction books and patterns, still boxed, £60; Anne Kite's videos and books No's 1, 2 and 3, £40 each or all three, £100. Hardly used. Tel: 0425 474726 (Ringwood).

ZIPPY Plus knitting machine as new, cabinet to fold machine away, punchcard, single bed, books, many patterns, instruction manual, cost £380, accept £250 ono. Tel: 0235 819914 (Didcot).

KNITMASTER 500 Electronic, built-in Knit Radar, overhauled, new central control, £280. Tel: 0952 883421 (Telford).

BROTHER 950i Electronic machine plus yarn, excellent condition, £550. Tel: 061-485 4552 (Cheadle, Cheshire).

JONES+BROTHER 230 knitter and ribber, hardly used, £200. Tel: 0334 88332 (St. Andrews).

PASSAP Duo 80, 4 colour changer, Deco, stand, punch, manuals, punchcards. Does beautiful ribs and jacquard with no floats, £300. Tel: 0268 413887 (Basildon, Essex).

KNITMASTER Zippy De Luxe, intarsia carriage, woolwinder, punchcards, wool, patterns, table, £200. Tel: 0977 672490 (Knottingley).

KNITMASTER 323, punchcard, Knit Radar, single bed colour changer, table, punch, £150; Knitmaster 370 fine gauge, punchcard, ribber, Knit Radar, intarsia and lace carriages, table, punch, £450. Tel: 051-920 0156 (Waterloo, Merseyside).

TOYOTA 950 ribber, lace attachment, manuals, books, £290; Brother 910 Electronic, lace carriage, ribber, £475 ono; Jones+Brother 836, punchcards, manuals, £150. Wanted: Elite ribber. Tel: 0489 572400 (Southampton).

TOYOTA 901 plus ribber, lace, intarsia, colour changer, tilt table, punch, tracer etc, £350. Tel: 0634 389242 (Rainham, Kent).

KNITMASTER LK150 (Option 4). Knits 4 ply up to chunky and mohair, £150; intarsia carriage, £30; tools, manual, table and woolwinder, £10 or swap for Bond. Tel: 061-798 6977 (Manchester).

FOR SALE

PASSAP Duomatic 80, four colour changer, Deco, accessories, £475 ono; Pfaff creative computer sewing machine, fully programmable, create your own original designs, £450 ono. Tel: 0227 367539 (Herne, Kent).

JONES+BROTHER knitting machine, deluxe model 585, lace maker complete with full instructions, manual, many pattern books, weaving attachment, lovely condition, £70. Tel: 094 875 417 (Ellesmere).

BROTHER 230 chunky ribber, boxed and unused, unwanted gift, £125 or exchange for 260 chunky ribber. Tel: 0707 263431 (Hatfield).

BROTHER 881 punchcard machine, built-in Knitleader, lace and intarsia carriages, instruction manual, table, punch and blank cards, £275 ono. Tel: 0703 693455 (Southampton).

PFAFF Duo 80, Deco, colour changer, weights, punch, punchcard, lots of books and patterns, £475. Tel: 0827 286280 (Tamworth).

PFAFF Creative 1469 electronic sewing machine, perfect condition, £360. Tel: 0734 713420 (Reading).

SINGER Big 9 chunky machine, nine months old, 126 needles for larger knitwear with video, needle selector, tools and manuals, excellent condition, £125 ono. Tel: 0269 825349 (Ammanford, Dyfed).

TOYOTA 901 with lace carriage, table, woolwinder, card punch, £125; Jones 585 machine, £35; Bond machine, £25. Tel: 0438 355774 (Stevenage).

PASSAP Automatic 80 double bed knitting machine with colour changer and many punchcards, £350 ono. Tel: 0895 846588 (Uxbridge).

TOYOTA 858 lace carriage, Knit Tracer, punchcards, good condition, £140 ono. Tel: 0270 585737 (Crewe).

KNITMASTER knitting machine, lace carriage, punch, 2 woolwinders, built-in radar, double cone cupboard, punchcards, spares, £350 ono; cones of wool, many £2.50 cone; spares for winder, 50p each. Tel: 0209 613035 (Camborne).

BROTHER KH950, ribber KR850, Knitleader KL116, Hague linker, garter carriage, transfer carriage, lace carriage, table, plus spare needles, patterns, £900 ono. Tel: 0305 860479 (Portland).

TOYOTA KS950, ribber KR506, tilt table, intarsia K82A, Knit Tracer K33A, intarsia multi-yarn brake, woolwinder, many extras, virtually unused, cost £830, accept £550. Tel: 0883 653010 (Caterham).

KNITMASTER Zippy 90 with intarsia carriage, as new, £85. Tel: 0246 451748 (Chesterfield).

KNITMASTER standard gauge with single motif, magic cam, instruction manual, table, many extras, excellent condition, £120 ono. Tel: 081-941 5204 (Hampton).

BROTHER KH965 Electronic, as new, £780; also Brother single bed colour changer, KHC820A, £60. Tel: 081-851 5275 (Bromley).

BROTHER 950i Electronic, £475; Brother 230 chunky machine plus ribber, as new, £275. Tel: 081-886 7385 (N London).

KNITMASTER 580 Designmaster, SRP50, SC3, YC5, Brother KH260, Powerknit motordrive, stand and row countdown, all as new, reasonable offers. Tel: 0492 877587 (Llandudno).

KNITMASTER 360KL with built-in Knit Radar, SRP60N ribber, lace carriage, intarsia carriage, many extras, vgc, gone electronic, bargain, £295 ono. Tel: 0903 724900 (Littlehampton).

BROTHER KH830 with manual, punchcards, £100 ono. Tel: 0205 760476 (Boston, Lincs).

KNITMASTER 560 Electronic lace carriage, ribber, YC2 yarn changer, extra four colour yarn mast, manuals, in cabinet, pattern books, excellent condition, £500 ovno. Tel: 0969 663577 (N Yorks).

FOR SALE

BROTHER 950i, ribber PPD, colour changer, £900; Toyota electric linker, £125; Electric Design Library Vols 1 and 2 and disc, £20; Shetland wool, £5 per kilo. Tel: 0264 772465 (Andover).

SILVER REED 740 including radar, 8 months old, excellent condition, will be sadly missed, gone electronic. Tel: 0602 877328 (Nottingham).

KNITMASTER 560 Electronic with lace carriage, excellent working order, £300 ovno, would be willing to part exchange Brother 710 and ribber. Tel: 0332 883365 (Derby).

KNITMASTER 302 semi automatic, Knit Radar 6, instruction books, pattern cards, woolwinder, £70; suit beginner, Keyto cabinet and bench, £80, buyer collects. Tel: 0226 287327 (Barnsley).

TOYOTA knitting machine, lace carriage, ribber, instructions, excellent condition, £180. Tel: 0434 606441 (Hexham).

BROTHER 881 punchcard, built-in Knitleader, lace carriage, instruction book, punchcards, good condition, £240 ono. Tel: 081-890 0796 (Feltham, Middx).

KNITMASTER Plus, lace carriage SRP60N ribber, Knit Radar, table, linker, woolwinder, bag of yarn, 100s of punchcards, punch claws, combs, loads of extras, instructions, boxed as new, £500. Tel: 0740 650394 (Co Durham).

KNITMASTER 360L with table, lace carriage, linker, colour changer, intarsia carriage, £350; Knitmaster 150 chunky with ribber and table, hardly used, £300. Tel: 0442 875541 (Berkhamsted).

FOR SALE

KNITMASTER 360 with ribber, lace carriage, weaver brush, linker, punch, woolwinder, magazines, wool, Keyto cabinet with bench, £400 ono. Tel: 021-789 6451 (Birmingham).

JONES KH800 plus ribber attachment, lace carriage, table, woolwinder and instruction books, good condition, £120 ono. Tel: 0477 32266 (Cheshire).

SINGER Freestyle double bed with table, good condition with patterns and magazines, £195. Tel: 0227 266489 (Whitstable).

BOND Classic with instruction video, little used, boxed as new, plus hints and tips book, £50. Tel: 036785 415 (Cirencester).

PPD 120 with printer cable, 230 pattern book, Diane Bennett PPD users guide and all manuals, £230. Tel: 0203 417088 (Coventry).

JONES+BROTHER 840 punchcard with lace carriage; some odd cones of wool, used, included, £125. Tel: 0664 812579 (Leics).

BROTHER KH900 Electronic knitting machine, boxed as new including table, over £480 to buy new; will sell for £350. Tel: 081-657 8132 (S Croydon).

BROTHER KH891, KR850 ribber, transfer carriage, intarsia, punchcards, six months old, £475 ono. Tel: 0234 781431 (Bedford).

KNITMASTER 360 ribber, lace carriage, tilt table, new intarsia and linker carriages, extra mast, £350. Tel: 0480 213587 (Cambs).

KEYTO cabinet, teak, good condition, foldaway, £50. Tel: 0285 654433 (Cirencester, Glos).

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Classifieds

FOR SALE

BROTHER KH881 punchcard, built-in Knitleader, lace carriage, instruction manual, punchcards, mylar sheets, table, £200 ono. Tel: 0628 524214 (Bourne End, Bucks).

BROTHER KH891 punchcard, Knitleader, lace carriage, table, excellent condition, £250. Tel: 081-953 4140 evenings (Borehamwood, Herts).

AMSTRAD CPC464 computer with TV module and Terry Mason's Machine Knitting design tapes, Mini Office II, lots of games, £95. Tel: 0734 771745 (Reading).

KNITMASTER 360 with ribber, table, lace carriage, intarsia carriage, plus many extras, £325. Tel: 0623 860111 (Nr Retford).

JONES 830 ribber, £125; Simple Frame large 96 model, £35. Both good condition. Tel: 0482 42535 (Hull).

TOYOTA KS901 plus ribber, lace carriage, Knitleader, colour changer, transfer carriage, punchcards, £375 ovno. Tel: 0734 876117 (Reading, Berks).

JONES KH120 fine knitter plus ribber, lace carriage, Knitleader and table. £275 ono. Tel: 0273 206871 (Hove, E. Sussex).

KNITMASTER 360K with ribber, YC2 colour changer and table plus extras, £375; Brother 830 with table, extras, £150; Keyto cabinet, £50. Tel: 0257 424661 (Wigan).

KNITMASTER 326 with built-in Knit Radar, SRP50 ribber, manuals and table, £175. Also Brother 710, lace carriage, manuals and table, £85. Tel: 0789 297667 (Stratford-on-Avon).

BROTHER KH830 with lace carriage, many extras, £100 ono. Tel: 0784 483450 (Staines).

TOYOTA 901 with ribber, lace carriage, punchcards, punch, instruction manuals, excellent condition, £375. Tel: 0580 881821 (Robertsbridge, East Sussex).

KNITMASTER 324, good condition, complete with manuals, patterns, punchcards, yarn, £80; Intarsia carriage, boxed, never used, £12. Tel: 0279 424359 (Harlow).

KNITMASTER 150 Chunky, vgc, needle selector, boxed, £300. Tel: 0602 382583 (Notts).

YARN 4-ply Acrylic, Shamal, value approx £275 accept £100. Singer 624, little used, cost £749 accept £495. Illness forces sale. Tel: 0703 446389 (Southampton).

BROTHER KH910 and ribber KR850, full instructions plus table and accessories, good condition, £450. Tel: 0332 771545 (Derby).

KNITMASTER 580 electronic, as new, £500; Knitmaster 100, suit learner, £30; Jones 588 plus lace carriage, good old machine, £30. Tel: 0323 648380 (Eastbourne).

KNITMASTER Silver Reed 560 knitting machine, excellent clean condition, complete with all instructions and tools, £295. Tel: 0252 348126, 9-12am Monday-Friday (Aldershot).

PE1 Design Controller for Knitmaster Silver Reed modular system, as new with card, battery, cable and instructions, £125 ono. Tel: 0252 348126, 9-12am Monday-Friday (Aldershot).

TOYOTA electric linker A500, as new, boxed, £200. Tel: 0959 575012 (Biggin Hill).

SINGER 2 knitting machine, vgc, plus all attachments, complete with table, £80 ono. Tel: 0462 732534 (Stotfold).

KNITMASTER 100, breaking for spares (fault on carriage). Needles and other parts okay, instructions and patterns. SAE details: 30 St Paul Street, St Helens, Merseyside WA10 2ET.

TOYOTA 901 ribber, lace, intarsia carriage, Plaiter colour changer, Knit Tracer, never used, vgc. Tel: 0375 670351 (Stanford-le-Hope).

FOR SALE

BROTHER KH260 Chunky punchcard machine with ribber, table, instruction book, punch and pattern books, lessons if required, £425 ono. P&D 110, £220 ono.Tel: 0532 633704 (Leeds).

KNITMASTER 700K, built in radar and intarsia, Fair Isle, weaving, tuck, slip, £200; LC2 lace carriage, £80; both items, £250. Tel: 071-701 2130 (SE London).

KNITMASTER 360 standard gauge punch-card machine, good condition includes instruction manuals, punchcards, tools, Knit Radar, etc. Instruction given willingly. Any reasonable offer? Can deliver locally. Tel: 0932 840966 (Addlestone).

PFAFF Electronic 6000, Form computer, stand, 4 colour changer, U100E Tricofit, Hague linker plus stand, instruction books, tools, woolwinder, £1,350. Plus £150 worth cones wool, £90. Tel: 0204 793701 evenings (Bolton).

BOND Elite knitting machine, as new, plus video and instructions, £80 ono. Tel: 0302 770557 (Doncaster).

PASSAP Duomatic, 4 colour changer with Form computer, instruction books and large bag of yarns, excellent condition, used six times only, £450. Tel: 0922 38907 (Walsall).

KNITMASTER Empisal 700, ribber SRP60, lace carriage LC2, colour changer YC6, folding table, all excellent condition, £500. Tel: 0792 233966 (Swansea).

KNITMASTER brand new Zippy Plus standard gauge, punchcard knitting machine, £190 (cost £299). Tel: 021-384 4724 (Birmingham).

BROTHER 910 Electronic, lace carriage plus tapes, good condition. Tel: 0252 614567 after 6pm (Fleet).

BROTHER KH230 Chunky knitting machine with KR230 ribber, as new, boxed, £350 inc table, yarn and books. Tel: 0981 250753 (Hereford).

PASSAP Duo 80, four colour changer, Deco, Form computer, 10 cones wool in assorted colours, £495 ono. Tel: 0603 746398 (Norwich).

KEYTO knitting bench, excellent condition, £30. Tel: 0622 753384 (Maidstone).

KNITMASTER 360K, recently overhauled, excellent condition, with punchcards, radar, extras, £170; also SRP50 ribber, £155; intarsia carriage, £10. Tel: 0594 530540 (Chepstow).

ORION double bed machine, old but makes beautiful ribs, £20. Buyer collects. Tel: 0453 543009 (Dursley, Glos).

BROTHER ElectroKnit 950, ribber KR850, Knitleader KL116, linker KA8310, transfer carriage KA8300, colour changer KRC830, table, woolwinder, and books, hardly used, £795 ono. Tel: 0372 467131 (Esher).

KNITMASTER 120 Chunky with ribber, intarsia, radar, garter bar, £150 ono. Tel: 0252 614567 after 6pm (Fleet).

KNITMASTER 360 knitting machine, lace carriage, manuals, woolwinder, punch and cards, wool with machine, table, cone cupboard, new cones of yarn, reasonable price, will separate, £350 ono. Tel: 0209 613035 (Camborne).

BROTHER KH860 standard punchcard with lace carriage in very good condition, £150. Tel: 0202 824494 (Verwood, Dorset).

SINGER System 624 computer design, 2 colour transfer carriage, racking, weaving, jacquard, table, under guarantee, free lessons, £500. Tel: 0452 306826 (Gloucester).

BROTHER 881 punchcard, lace carriage, built-in Knitleader, instruction manuals, vgc, £230 ono. Tel: 0237 474458 (N. Devon).

PASSAP Duomatic (pink) knitting machine, excellent condition, complete with instruction manual, on stand, double bed, ribbing, tubular, Fair Isle, £60. Tel: 061-865 4514 (Manchester).

FOR SALE

KNITMASTER 700K, SRP50 ribber, table, instruction manuals, punchcards and many extras, £400; RT1 transfer carriage, £35; SC3 Linker £35. Tel: 0590 23264 (Hampshire).

SWISS knitter, new machine, still boxed, instruction tape included, £70. Tel: 0823 338223 (Taunton).

KNITMASTER 360 plus lace carriage (as seen), £200; Knitmaster ribber (older type) and YC1 colour changer (as seen), £50; YC6 colour changer (never used), £75; Knitmaster motor drive and table, £270; Marion Nelson card and box 2-3-4 ply and DK, £10. Tel: 0225 761065 (Trowbridge).

KNITMASTER Fine knitter, plus Silver ribber, £375; electronic Knit Radar plus electronic row counter, unused, £80 (suitable most machines). Tel: 0532 868635 (Leeds).

PASSAP Duo 80 with motor, 4 colour changer, Deco Forma, Form computer, punch, £550. Knitmaster 360 with ribber, £250; Toyota 950, hardly used, £200. Tel: 0254 661106 (Blackburn).

PFAFF 6000 electronic, four colour changer, £800; Electra 3000A motor, £400. Tel: 0244 544518 (Chester).

TOYOTA 901 plus lace carriage, woolwinder, punchcards, Knit Tracer, books, wool, table, clamps, little used due to disability of owner, perfect condition, £300 ono. Tel: 0274 673799 (Bradford).

PFAFF Duo 80, 4 colour changer, Deco Form computer, books, stand, punch, £350. Tel: 0256 893264 (Whitchurch, Hants).

PASSAP Electronic 6000 with U100E, instruction books, video, 4 colour changer, unwanted gift, as new, £950. Tel: 0202 528121 (Bournemouth).

SINGER sewing machine, £15; Brother KH710 knitting machine, does intarsia, Fair Isle, lace, tuck, £95; Vogue Knitting Book, £1; Vogue "Baby Woollies", £1; DeKnit, £3.50. Tel: 0865 511057 (Oxford).

PASSAP Duo 80 four colour changer, Form computer, Deco lace punch, stand, hardly used, £500 negotiable. Tel: 0272 424939 (Bristol).

BROTHER KH260 and ribber KR260 with table, hardly used, £250 ono, could deliver NW, NE, Midlands, London. Tel: 0260 271753 (Congleton, Cheshire).

TOYOTA 787 knitting machine plus ribber and books, £250. Tel: 0485 26430 (Hunstanton).

TOYOTA KR506 ribber, £140; Toyota KS950, £275; K33A Knit Tracer, £48; colour changer, £50; intarsia K82A, £28; plaiting K81, £10. Tel: 0582 38340 (Luton).

PFAFF 6000 complete with motor and automatic 4 colour changer, £1,450. Tel: 0203 367519 (Coventry).

BROTHER 950i, KR850 ribber, two colour changers, PPD100 transfer and linker carriages, KG93 garter carriage, Knitleader, £1,500. Tel: 0203 367519 (Coventry).

KNITMASTER 560 electronic plus ribber, linker, intarsia and transfer carriage, £400. Tel: 081-422 5928 (S. Harrow).

KNITMASTER Zippy de luxe LC2, lace carriage, single motif, intarsia carriage, linker, punch, large number of punchcards, £300 ono. Tel: 0698 424181 (Hamilton).

SINGER Freestyle electronic, nearly new, still boxed, £450 ono. Tel: 021-382 3388 (Birmingham).

JUMBO Chunky knit, little used (retiring), £100 ono. Tel: 0794 390323 (Salisbury).

KNITMASTER 700KL with built-in radar and intarsia carriage, plus SRP60N ribber, LC2 lace carriage, SC3 linker, patterns and instruction books, £450 ono. Tel: 041-942 0384 (Glasgow).

DUET magazines for Passap and Pfaff, Nos 1 to 12, £24. Will post. Tel: 0248 852703 (Benllech).

FOR SALE

KNITMASTER 360K punchcard machine, bargain, £95; Bond Classic plus extension, intarsia keyplate, patterns, £55. Tel: 0642 781378 (Stockton-on-Tees).

SELL or swap Passap Duo 4 colour changer, tools, books, well used; also Pink Passap for spares for Singer 2310 or Jones 950, both with ribber. Tel: 0527 64522 (Redditch).

BROTHER KH881 knitting machine with Knitleader, table, woolwinder, books, patterns, punchcards, excellent condition, £200 ono. Tel: 0298 815484 (Chapel-en-le-Frith).

TOYOTA 901 ribber, lace carriage, Knit Tracer, tilt table, all accessories, £400 ono. Tel: 0562 515624 (Kidderminster).

KNITMASTER 560 electronic, ribber, linker, transfer lace carriage, many extras, just serviced, £600; Knitmaster 370 fine knit ribber, lace carriage, £400; Horn cabinet, new £140. Tel: 0757 630147 (Selby).

SINGER Memo II double bed knitting machine, six months old with table and woolwinder, still under guarantee, £450 ovno. Tel: 0255 429905 (Clacton-on-Sea).

KNITMASTER 580 Electronic, PE1 design controller, hardly used, plus ribber, £850; Horn cabinet, £100; Knitmaster 700K, table, extras, £270; RT1 carriage, linker, £25 each. Many extras. Tel: 0602 462907 (Notts).

WANTED

RIBBER for Singer KE2400 knitting machine. Tel: 0747 824554 (Gillingham).

RIBBER for Knitmaster 370 fine gauge. Also fine gauge cards, books, patterns. Preferably fairly local, Exeter, but will travel. Tel: 0404 822117 (Exeter).

URGENT. Lock (carriage) for Passap M201. Would consider buying complete Passap M201 machine at reasonable price. Tel: 020882 377 mornings only (Liskeard).

DECO for Passap Duo 80. Fitting instructions and cards please. Tel: 0507 327654 (Louth, Lincs).

TRANSFER carriage for Passap Duo 80. Also cast off linker for same. For sale Jac-Pac for pink Passap with patterns, £20. Tel: 0533 856041 (Leicester).

ANNE Kite video, numbers one and seven A and seven B. Tel: 0980 625204 (Salisbury).

CHUNKY Ribber 260. Tel: 0522 685845 (Lincoln).

PPD120 or 110 in good condition, reasonable price. Tel: 0574 276913 (Larne, N. Ireland).

BROTHER KR850 ribber, Knitleader KL116. Tel: 0582 38340 (Luton).

1990 No.2 Machine Knitting News, intarsia pets collection. Tel: 0903 762448 (Lancing).

HAS anyone an unwanted KR850 ribber to sell cheaply to pensioner? Also copies of the old Jones+Brother Stitch in Time magazine, postage paid. Tel: 0895 632183 (Ruislip).

SINGER 2500 Memomatic knitting machine plus KR13 ribber. Also wanted Hague or Bellinky linker, must be reasonably priced. Phone with details. Tel: 0900 604759 (Carlisle).

PASSAP Forma, not computer, good working order please. Tel: 0959 573508 (Kent).

KNITMASTER ribber SRP50 or SRP60 also lace carriage LC2, Knit Radar KR7 and linker. Will pay postage. Tel: 0265 57027 (Coleraine, N. Ireland).

BROTHER KL116 Knitleader, transfer carriage, KHC colour changer, KRC colour changer and KG88 Mk2 garter carriage. Tel: 0902 380391 (Wolverhampton).

ABBREVIATIONS

alt = alternate(ly)
beg = beginning
ch = chain
cm = centimetres
cont = continue(ing)
dc = double crochet
dec = decrease(ing)
foll = following
g = grams
HP = holding position
in = inch(es)
inc = increase(ing)
K = knit
mm = millimetres
MT = main tension
MT−1, MT−2, MT−3 = one, two, three full sizes tighter than main tension
MT+1, MT+2, MT+3 = one, two, three full sizes looser than main tension
MY = main yarn
N(s) = needle(s)
NWP = non working position
P = purl
patt = pattern
RC = row counter
rem = remain(ing)
rep = repeat
ss = stitch size
st(s) = stitch(es)
st st = stocking stitch
tog = together
UWP = upper working position
WP = working position
WY = waste yarn

YARNS

Yarns used for our patterns are matched to this guide for thickness. If you want to use a different yarn and, especially for readers overseas who may not be able to buy the originals, choose a yarn of the same thickness. If you do use a different yarn here are a few tips.

Firstly, your garment is likely to be more successful if you use a very similar yarn so look for slubbed cotton for slubbed cotton, acrylic for acrylic, wool for wool and so on. A change of fibre is perfectly possible but requires even more care in checking tension, quantity and, above all, suitability in the resulting 'feel' and 'hang' of the knitted fabric.

To compare yarns, hold the proposed substitute over the guide and stretch it out until it is just taut, not pulled tightly. A good match should fit the guide lines closely.

Now that you have a suitable yarn, how much do you buy? Whenever possible buy the yarn by length rather than weight as different fibres and treatments can vary the weight of yarns a great deal. A 500 gram cone of airy acrylic would have many more metres or yards of yarn on it than a 500 gram cone of much denser cotton.

After matching the tension, the garments in the original and substitute yarns would have much the same number of stitches knitted throughout and therefore need much the same yarn length. When you cannot discover the length on the cone it is best to err on the generous side whilst using your previous experience to decide how many cones you would expect the garment to take.

It is possible to work out the length required for a garment by measuring the length used for a tension square and calculating the total area of the garment from the diagram but I think you would need to be addicted to mathematics to find this worthwhile.

Having bought your yarn, experiment until you have matched the original tension. To achieve the best 'handle' it may be necessary to vary the number of stitches or rows a little. This is no problem if you are using a charting device but will require extra calculation if you want to follow the written pattern where the numbers stated for rows and stitches will not now apply.

If all this sounds like too much trouble, take care. You could be lucky and knit a perfect garment in the first yarn that comes to hand but you could also be badly disappointed. Time is precious to all of us so it is worth 'wasting' a little to avoid wasting a lot. You will be rewarded by a successful result.

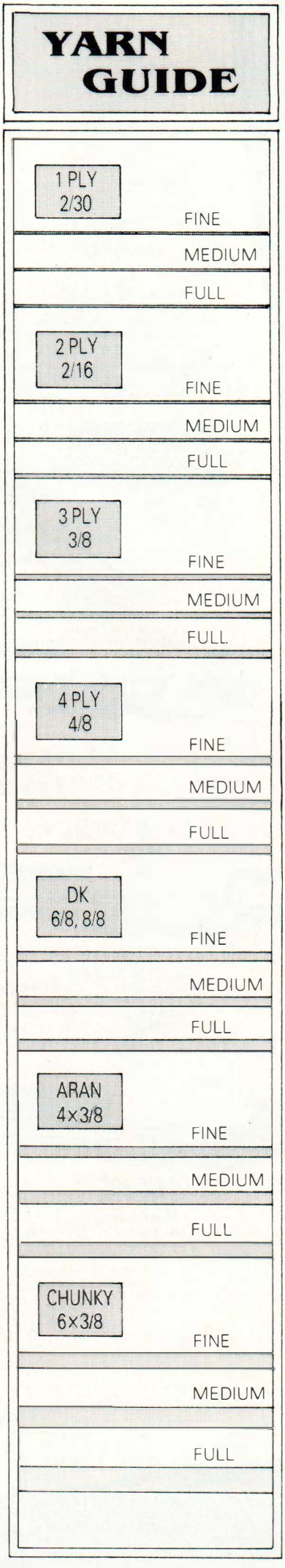
MOCK RIB

Used for welts, cuffs, neckbands and other edges on single bed machines without a ribber.

Push the number of main bed needles given in pattern to working position. Push every alternate needle back to non-working position for a 1×1 rib or every third needle back to non-working position for a 2×1 rib. It may be necessary to reduce this number by one needle at one or both edges to keep rib even. (Increase the stitches after the mock rib has been worked to give the same number as the pattern.)

Using main tension and waste yarn, cast on and knit a few rows ending with carriage at left. Set row counter at 000. Using at least two full sizes tighter than main tension, knit the number of rows given in pattern for rib. Using three full sizes looser than this tension, knit one row. (This loose row gives a neat fold line.) Return to two full sizes tighter than main tension and knit the same number of rows as before. Push empty needles from non-working to working position and make a hem by placing loops of first row worked in main yarn evenly along the row. Make sure that each empty needle holds a loop to prevent a row of holes across the work.

Unravel waste yarn after work has been removed from machine. After garment has been blocked to size, insert a metal welt bar or thin, clean piece of wood through the hem and pull firmly downwards to draw stitches of mock rib closer together. Set the stitches by steaming lightly on wrong side, if pressing instructions permit.



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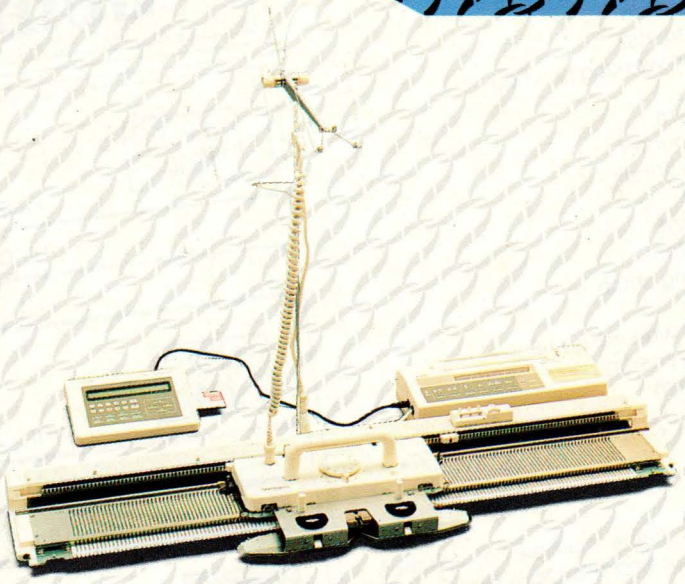
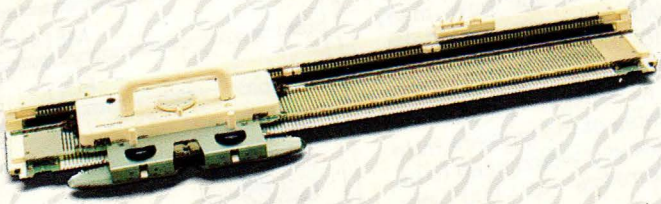
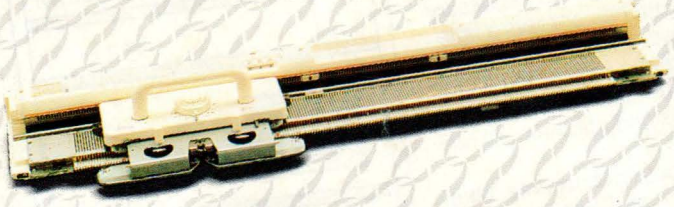


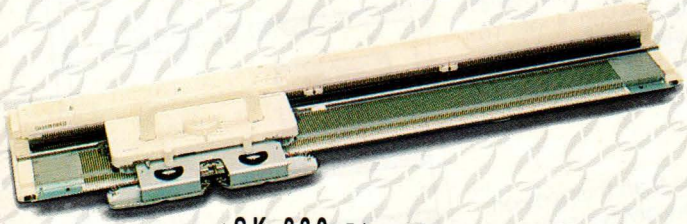
SK 890 *Chunky gauge*
Knits Mohair, Aran, Chunky



SK 860 *Double Knitting gauge*
Knits 4 ply, DK, Aran, Mohair



SK 840 *Standard gauge*
Knits 2 ply, 3 ply, 4 ply



SK 830 *Fine gauge*
Knits 1 ply, 2 ply, 3 ply

The Silver Modular Electronic Knitting System is based on four easy-to-change and whisper-quiet beds of the highest quality. So you'll be able to set just the right gauge and tension for any yarn - and each gives you a wide range of stitch options at the touch of a single lever. Attachments permit even greater stitch and pattern variety. And as the beds and attachments are each sold separately, you buy only as you need to.

The Silver EC1 Pattern Controller gives you great flexibility.

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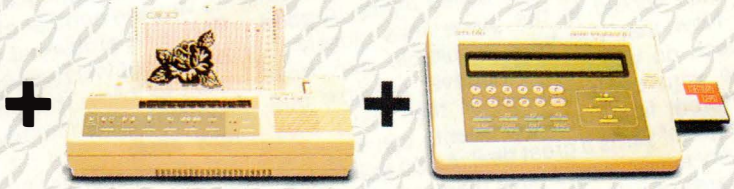
And the second Stitch Width Indicator lets you select any part of a pattern to create extra designs - with no programming required.

Silver EC1 *Pattern Controller*



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